

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **C00004**  
Product name: **BetonFIP FLUID F**  
UFI: **5Q61-40J8-W00S-22JJ**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **repair mortar**

#### 1.3. Details of the supplier of the safety data sheet

Name: **Licata S.p.A.**  
Full address: **Via dei Mille 32**  
District and Country: **00185 Roma Italia (RM)**  
Tel.: **+39 0922 856088**  
Fax: **+39 0922 831427**  
e-mail address of the competent person responsible for the Safety Data Sheet: **controllo-qualita@licataspa.it**

#### 1.4. Emergency telephone number

For urgent inquiries refer to:  
**NHS111 in England: 111**  
**NHS24 in Scotland: 111**  
**NHS Direct in Wales: 111 or 0845 4647**  
**In an emergency, if the patient has collapsed or is not breathing properly, call 999**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

|                                                              |      |                                      |
|--------------------------------------------------------------|------|--------------------------------------|
| Serious eye damage, category 1                               | H318 | Causes serious eye damage.           |
| Skin irritation, category 2                                  | H315 | Causes skin irritation.              |
| Specific target organ toxicity - single exposure, category 3 | H335 | May cause respiratory irritation.    |
| Skin sensitization, category 1                               | H317 | May cause an allergic skin reaction. |

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal word: **Danger**

|                                                                                                         |                                                                                                                                  |                                                                                                                        |                                                                         |    |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|
| Licata S.p.A.                                                                                           |                                                                                                                                  | Revision nr.6<br>Dated 11/08/2026<br>Printed on 11/08/2026<br>Page n. 2 / 16<br>Replaced revision:5 (Dated 14/11/2024) |                                                                         | EN |
| C00004 - BetonFIP FLUID F                                                                               |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| SECTION 2. Hazards identification ... / >>                                                              |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| Hazard statements:                                                                                      |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| H318                                                                                                    | Causes serious eye damage.                                                                                                       |                                                                                                                        |                                                                         |    |
| H315                                                                                                    | Causes skin irritation.                                                                                                          |                                                                                                                        |                                                                         |    |
| H335                                                                                                    | May cause respiratory irritation.                                                                                                |                                                                                                                        |                                                                         |    |
| H317                                                                                                    | May cause an allergic skin reaction.                                                                                             |                                                                                                                        |                                                                         |    |
| Precautionary statements:                                                                               |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| P305+P351+P338                                                                                          | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |                                                                                                                        |                                                                         |    |
| P280                                                                                                    | Wear protective gloves / eye protection / face protection.                                                                       |                                                                                                                        |                                                                         |    |
| P310                                                                                                    | Immediately call a POISON CENTER/doctor.                                                                                         |                                                                                                                        |                                                                         |    |
| P261                                                                                                    | Avoid breathing dust / fume / gas / mist / vapours / spray.                                                                      |                                                                                                                        |                                                                         |    |
| P403+P233                                                                                               | Store in a well-ventilated place. Keep container tightly closed.                                                                 |                                                                                                                        |                                                                         |    |
| P264                                                                                                    | Wash your hands thoroughly after use.                                                                                            |                                                                                                                        |                                                                         |    |
| Contains:                                                                                               |                                                                                                                                  |                                                                                                                        |                                                                         |    |
|                                                                                                         | Portland cement clinker                                                                                                          |                                                                                                                        |                                                                         |    |
|                                                                                                         | Flue dust                                                                                                                        |                                                                                                                        |                                                                         |    |
|                                                                                                         | Calcium Oxide                                                                                                                    |                                                                                                                        |                                                                         |    |
| 2.3. Other hazards                                                                                      |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%. |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.   |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| SECTION 3. Composition/information on ingredients                                                       |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| 3.2. Mixtures                                                                                           |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| Contains:                                                                                               |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| Identification                                                                                          |                                                                                                                                  | x = Conc. %                                                                                                            | Classification (EC) 1272/2008 (CLP)                                     |    |
| Portland cement clinker                                                                                 |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| INDEX                                                                                                   |                                                                                                                                  | 22,5 ≤ x < 24                                                                                                          | Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1B H317 |    |
| EC                                                                                                      | 266-043-4                                                                                                                        |                                                                                                                        |                                                                         |    |
| CAS                                                                                                     | 65997-15-1                                                                                                                       |                                                                                                                        |                                                                         |    |
| REACH Reg.                                                                                              | 02-2119682167-31-0000                                                                                                            |                                                                                                                        |                                                                         |    |
| QUARTZ                                                                                                  |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| INDEX                                                                                                   |                                                                                                                                  | 12 ≤ x < 13,5                                                                                                          | Substance with a community workplace exposure limit.                    |    |
| EC                                                                                                      | 238-878-4                                                                                                                        |                                                                                                                        |                                                                         |    |
| CAS                                                                                                     | 14808-60-7                                                                                                                       |                                                                                                                        |                                                                         |    |
| Calcium Oxide                                                                                           |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| INDEX                                                                                                   |                                                                                                                                  | 1 ≤ x < 2                                                                                                              | Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335                     |    |
| EC                                                                                                      | 215-138-9                                                                                                                        |                                                                                                                        |                                                                         |    |
| CAS                                                                                                     | 1305-78-8                                                                                                                        |                                                                                                                        |                                                                         |    |
| REACH Reg.                                                                                              | 01-2119475325-36-0031                                                                                                            |                                                                                                                        |                                                                         |    |
| Fumes, silica                                                                                           |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| INDEX                                                                                                   |                                                                                                                                  | 1 ≤ x < 2                                                                                                              | Substance with a community workplace exposure limit.                    |    |
| EC                                                                                                      | 273-761-1                                                                                                                        |                                                                                                                        |                                                                         |    |
| CAS                                                                                                     | 69012-64-2                                                                                                                       |                                                                                                                        |                                                                         |    |
| REACH Reg.                                                                                              | 01-2119486866-17-0038                                                                                                            |                                                                                                                        |                                                                         |    |
| Flue dust                                                                                               |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| INDEX                                                                                                   |                                                                                                                                  | 1 ≤ x < 2                                                                                                              | Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317  |    |
| EC                                                                                                      | 270-659-9                                                                                                                        |                                                                                                                        |                                                                         |    |
| CAS                                                                                                     | 68475-76-3                                                                                                                       |                                                                                                                        |                                                                         |    |
| REACH Reg.                                                                                              | 01-2119486767-17-0xxx                                                                                                            |                                                                                                                        |                                                                         |    |
| HYDRATED LIME                                                                                           |                                                                                                                                  |                                                                                                                        |                                                                         |    |
| INDEX                                                                                                   |                                                                                                                                  | 0,039 ≤ x < 0,042                                                                                                      | Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335                     |    |
| EC                                                                                                      | 215-137-3                                                                                                                        |                                                                                                                        |                                                                         |    |
| CAS                                                                                                     | 1305-62-0                                                                                                                        |                                                                                                                        |                                                                         |    |
| REACH Reg.                                                                                              | 01-2119475151-45                                                                                                                 |                                                                                                                        |                                                                         |    |
| EPY 12.4.0 - SDS 1004.14                                                                                |                                                                                                                                  |                                                                                                                        |                                                                         |    |

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| <div>Licata S.p.A.</div> <div>C00004 - BetonFIP FLUID F</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <div>Revision nr.6</div> <div>Dated 11/08/2026</div> <div>Printed on 11/08/2026</div> <div>Page n. 3 / 16</div> <div>Replaced revision:5 (Dated 14/11/2024)</div> | EN |
| SECTION 3. Composition/information on ingredients ... / >>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                   |    |
| <div><div><div>TIN(II) SULFATE</div><div>INDEX</div><div>0,003 ≤ x &lt; 0,006</div></div><div><div>EC</div><div>CAS</div><div>REACH Reg.</div><div>QUARTZ (fine fraction &lt;125 µm powder)</div><div>INDEX</div><div>EC</div><div>CAS</div><div>231-302-2</div><div>7488-55-3</div><div>01-2119856668-19-0000</div><div>0 &lt; x &lt; 0,003</div><div>238-878-4</div><div>14808-60-7</div></div><div><div>Acute Tox. 4 H332, STOT RE 2 H373, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317, Aquatic Chronic 3 H412</div><div>LC50 Inhalation mists/powders: 2 mg/l</div><div>STOT RE 1 H372</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                   |    |
| The full wording of hazard (H) phrases is given in section 16 of the sheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                   |    |
| SECTION 4. First aid measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                   |    |
| 4.1. Description of first aid measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                   |    |
| <p>In case of doubt or in the presence of symptoms contact a doctor and show him this document.</p> <p>In case of more severe symptoms, ask for immediate medical aid.</p> <p>EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.</p> <p>SKIN: Take off immediately all contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice/attention. Avoid further contact with contaminated clothing.</p> <p>INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.</p> <p>INHALATION: Remove victim to fresh air, away from the accident scene. In the event of respiratory symptoms (coughing, wheezing, breathing difficulty, asthma) keep the victim in a comfortable position for breathing. If necessary administer oxygen. If the subject stops breathing, administer artificial respiration. Get medical advice/attention.</p> <p><u>Rescuer protection</u></p> <p>It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.</p> |  |                                                                                                                                                                   |    |
| 4.2. Most important symptoms and effects, both acute and delayed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                   |    |
| <p>Specific information on symptoms and effects caused by the product are unknown.</p> <p>DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                   |    |
| 4.3. Indication of any immediate medical attention and special treatment needed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                   |    |
| <p>Immediately call a POISON CENTER/doctor.</p> <p><u>Means to have available in the workplace for specific and immediate treatment</u></p> <p>Running water for skin and eye wash.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                   |    |
| SECTION 5. Firefighting measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                   |    |
| 5.1. Extinguishing media                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                   |    |
| <p>SUITABLE EXTINGUISHING EQUIPMENT</p> <p>The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.</p> <p>UNSUITABLE EXTINGUISHING EQUIPMENT</p> <p>None in particular.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                   |    |
| 5.2. Special hazards arising from the substance or mixture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                   |    |
| <p>HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE</p> <p>Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                   |    |
| EPY 12.4.0 - SDS 1004.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                   |    |

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| Licata S.p.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Revision nr.6<br>Dated 11/08/2026<br>Printed on 11/08/2026<br>Page n. 4 / 16<br>Replaced revision:5 (Dated 14/11/2024)                                                             |  | EN |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| C00004 - BetonFIP FLUID F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| SECTION 5. Firefighting measures ... / >>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 5.3. Advice for firefighters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>GENERAL INFORMATION</p> <p>Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.</p> <p>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS</p> <p>Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>                                                                                                                                                                                                                                                                                                                |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| SECTION 6. Accidental release measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 6.1. Personal precautions, protective equipment and emergency procedures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>If there are no contraindications, spray powder with water to prevent the formation of dust.</p> <p>Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 6.2. Environmental precautions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 6.3. Methods and material for containment and cleaning up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.</p> <p>Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 6.4. Reference to other sections                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>Any information on personal protection and disposal is given in sections 8 and 13.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| SECTION 7. Handling and storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 7.1. Precautions for safe handling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 7.2. Conditions for safe storage, including any incompatibilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 7.3. Specific end use(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>Information not available</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| SECTION 8. Exposure controls/personal protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| 8.1. Control parameters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| <p>Regulatory references:</p> <table><tr><td>DEU</td><td>Deutschland</td><td>WirkungDosisNOAELMAK-und BAT-Werte-Liste 2024 Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe</td></tr><tr><td>ESP</td><td>España</td><td>Límites de exposición profesional para agentes químicos en España 2024</td></tr><tr><td>FRA</td><td>France</td><td>Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021</td></tr><tr><td>HRV</td><td>Hrvatska</td><td>PRAVILNIK O IZMJENAMA I DOPUNAMA PRAVILNIKA O ZAŠTITI RADNIKA OD IZLOŽENOSTI OPASNIM KEMIČALIJAMA NA RADU, GRANIČNIM VRIJEDNOSTIMA IZLOŽENOSTI I BIOLOŠKIM GRANIČNIM VRIJEDNOSTIMA</td></tr><tr><td>ITA</td><td>Italia</td><td>Decreto Legislativo 9 Aprile 2008, n.81</td></tr><tr><td>SVN</td><td>Slovenija</td><td>Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti rakotvornim, mutagenim ali reprotoksičnim snovem pri delu. Ljubljana, četrtek 4. 4. 2024</td></tr></table> |             |                                                                                                                                                                                    |  |    | DEU | Deutschland | WirkungDosisNOAELMAK-und BAT-Werte-Liste 2024 Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe | ESP | España | Límites de exposición profesional para agentes químicos en España 2024 | FRA | France | Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021 | HRV | Hrvatska | PRAVILNIK O IZMJENAMA I DOPUNAMA PRAVILNIKA O ZAŠTITI RADNIKA OD IZLOŽENOSTI OPASNIM KEMIČALIJAMA NA RADU, GRANIČNIM VRIJEDNOSTIMA IZLOŽENOSTI I BIOLOŠKIM GRANIČNIM VRIJEDNOSTIMA | ITA | Italia | Decreto Legislativo 9 Aprile 2008, n.81 | SVN | Slovenija | Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti rakotvornim, mutagenim ali reprotoksičnim snovem pri delu. Ljubljana, četrtek 4. 4. 2024 |
| DEU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Deutschland | WirkungDosisNOAELMAK-und BAT-Werte-Liste 2024 Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe                                                           |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| ESP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | España      | Límites de exposición profesional para agentes químicos en España 2024                                                                                                             |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| FRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | France      | Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021                                                                 |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| HRV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Hrvatska    | PRAVILNIK O IZMJENAMA I DOPUNAMA PRAVILNIKA O ZAŠTITI RADNIKA OD IZLOŽENOSTI OPASNIM KEMIČALIJAMA NA RADU, GRANIČNIM VRIJEDNOSTIMA IZLOŽENOSTI I BIOLOŠKIM GRANIČNIM VRIJEDNOSTIMA |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| ITA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Italia      | Decreto Legislativo 9 Aprile 2008, n.81                                                                                                                                            |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| SVN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Slovenija   | Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti rakotvornim, mutagenim ali reprotoksičnim snovem pri delu. Ljubljana, četrtek 4. 4. 2024                      |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |
| EPY 12.4.0 - SDS 1004.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                                                                                                                                                                                    |  |    |     |             |                                                                                                                          |     |        |                                                                        |     |        |                                                                                                                    |     |          |                                                                                                                                                                                    |     |        |                                         |     |           |                                                                                                                                                               |

|                                                           |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
|-----------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|------------------------------------------------------------------------------------------------------------------------|------------------------|---------|----------|--|----|
| Licata S.p.A.                                             |                      |                                                                                                                                                                                                                                                                                            |         |            | Revision nr.6<br>Dated 11/08/2026<br>Printed on 11/08/2026<br>Page n. 5 / 16<br>Replaced revision:5 (Dated 14/11/2024) |                        |         |          |  | EN |
| C00004 - BetonFIP FLUID F                                 |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| SECTION 8. Exposure controls/personal protection ... / >> |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| GBR                                                       | United Kingdom       | EH40/2005 Workplace exposure limits (Fourth Edition 2020)                                                                                                                                                                                                                                  |         |            |                                                                                                                        |                        |         |          |  |    |
| EU                                                        | OEL EU               | Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC. |         |            |                                                                                                                        |                        |         |          |  |    |
|                                                           | ACGIH                | ACGIH 2025                                                                                                                                                                                                                                                                                 |         |            |                                                                                                                        |                        |         |          |  |    |
| Calcium Oxide                                             |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Predicted no-effect concentration - PNEC                  |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Normal value in fresh water                               |                      |                                                                                                                                                                                                                                                                                            |         | 0,37       |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value in marine water                              |                      |                                                                                                                                                                                                                                                                                            |         | 0,24       |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value for water, intermittent release              |                      |                                                                                                                                                                                                                                                                                            |         | 0,37       |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value for marine water, intermittent release       |                      |                                                                                                                                                                                                                                                                                            |         | 0,24       |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value of STP microorganisms                        |                      |                                                                                                                                                                                                                                                                                            |         | 2,27       |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value for the terrestrial compartment              |                      |                                                                                                                                                                                                                                                                                            |         | 817,4      |                                                                                                                        | mg/kg/d                |         |          |  |    |
| Health - Derived no-effect level - DNEL / DMEL            |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Route of exposure                                         | Effects on consumers |                                                                                                                                                                                                                                                                                            |         |            | Effects on workers                                                                                                     |                        |         |          |  |    |
|                                                           | Acute                | Acute                                                                                                                                                                                                                                                                                      | Chronic | Chronic    | Acute                                                                                                                  | Acute                  | Chronic | Chronic  |  |    |
|                                                           | local                | systemic                                                                                                                                                                                                                                                                                   | local   | systemic   | local                                                                                                                  | systemic               | local   | systemic |  |    |
| Inhalation                                                | 4                    |                                                                                                                                                                                                                                                                                            | 1       |            | 4                                                                                                                      |                        | 1       |          |  |    |
|                                                           | mg/m3                |                                                                                                                                                                                                                                                                                            | mg/m3   |            | mg/m3                                                                                                                  |                        | mg/m3   |          |  |    |
| Portland cement clinker                                   |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Threshold Limit Value                                     |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Type                                                      | Country              | TWA/8h                                                                                                                                                                                                                                                                                     |         | STEL/15min |                                                                                                                        | Remarks / Observations |         |          |  |    |
|                                                           |                      | mg/m3                                                                                                                                                                                                                                                                                      | ppm     | mg/m3      | ppm                                                                                                                    |                        |         |          |  |    |
| VLEP                                                      | ITA                  | 1                                                                                                                                                                                                                                                                                          |         |            |                                                                                                                        |                        |         |          |  |    |
| Flue dust                                                 |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Predicted no-effect concentration - PNEC                  |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Normal value in fresh water                               |                      |                                                                                                                                                                                                                                                                                            |         | 0,282      |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value in marine water                              |                      |                                                                                                                                                                                                                                                                                            |         | 0,028      |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value for fresh water sediment                     |                      |                                                                                                                                                                                                                                                                                            |         | 0,875      |                                                                                                                        | mg/kg/d                |         |          |  |    |
| Normal value for marine water sediment                    |                      |                                                                                                                                                                                                                                                                                            |         | 0,088      |                                                                                                                        | mg/kg/d                |         |          |  |    |
| Normal value for water, intermittent release              |                      |                                                                                                                                                                                                                                                                                            |         | 0,282      |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value of STP microorganisms                        |                      |                                                                                                                                                                                                                                                                                            |         | 6          |                                                                                                                        | mg/l                   |         |          |  |    |
| Normal value for the terrestrial compartment              |                      |                                                                                                                                                                                                                                                                                            |         | 5          |                                                                                                                        | mg/kg/d                |         |          |  |    |
| Health - Derived no-effect level - DNEL / DMEL            |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Route of exposure                                         | Effects on consumers |                                                                                                                                                                                                                                                                                            |         |            | Effects on workers                                                                                                     |                        |         |          |  |    |
|                                                           | Acute                | Acute                                                                                                                                                                                                                                                                                      | Chronic | Chronic    | Acute                                                                                                                  | Acute                  | Chronic | Chronic  |  |    |
|                                                           | local                | systemic                                                                                                                                                                                                                                                                                   | local   | systemic   | local                                                                                                                  | systemic               | local   | systemic |  |    |
| Inhalation                                                |                      |                                                                                                                                                                                                                                                                                            | 0,84    |            | 4                                                                                                                      |                        | 0,84    |          |  |    |
|                                                           |                      |                                                                                                                                                                                                                                                                                            | mg/m3   |            | mg/m3                                                                                                                  |                        | mg/m3   |          |  |    |
| QUARTZ (fine fraction <125 µm powder)                     |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Threshold Limit Value                                     |                      |                                                                                                                                                                                                                                                                                            |         |            |                                                                                                                        |                        |         |          |  |    |
| Type                                                      | Country              | TWA/8h                                                                                                                                                                                                                                                                                     |         | STEL/15min |                                                                                                                        | Remarks / Observations |         |          |  |    |
|                                                           |                      | mg/m3                                                                                                                                                                                                                                                                                      | ppm     | mg/m3      | ppm                                                                                                                    |                        |         |          |  |    |
| VLA                                                       | ESP                  |                                                                                                                                                                                                                                                                                            | 0,05    |            |                                                                                                                        | RESP                   |         |          |  |    |
| VLEP                                                      | FRA                  | 0,1                                                                                                                                                                                                                                                                                        |         |            |                                                                                                                        | RESP                   |         |          |  |    |
| GVI/KGVI                                                  | HRV                  | 0,1                                                                                                                                                                                                                                                                                        |         |            |                                                                                                                        |                        |         |          |  |    |
| VLEP                                                      | ITA                  | 0,1                                                                                                                                                                                                                                                                                        |         |            |                                                                                                                        | RESP                   |         |          |  |    |
| MV                                                        | SVN                  | 0,05                                                                                                                                                                                                                                                                                       |         |            |                                                                                                                        | RESP                   |         |          |  |    |
| OEL                                                       | EU                   | 0,1                                                                                                                                                                                                                                                                                        |         |            |                                                                                                                        | RESP                   |         |          |  |    |
| ACGIH                                                     |                      | 0,025                                                                                                                                                                                                                                                                                      |         |            |                                                                                                                        | RESP                   |         |          |  |    |

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|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|-----------------------------------------------------------|----------------------|----------|---------|------------|--------------------|------------------------------------------------------------------------------------------------------------------------|---------|----------|----|
| Licata S.p.A.                                             |                      |          |         |            |                    | Revision nr.6<br>Dated 11/08/2026<br>Printed on 11/08/2026<br>Page n. 6 / 16<br>Replaced revision:5 (Dated 14/11/2024) |         |          | EN |
| C00004 - BetonFIP FLUID F                                 |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| SECTION 8. Exposure controls/personal protection ... / >> |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| QUARTZ                                                    |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| Threshold Limit Value                                     |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| Type                                                      | Country              | TWA/8h   |         | STEL/15min |                    | Remarks / Observations                                                                                                 |         |          |    |
|                                                           |                      | mg/m3    | ppm     | mg/m3      | ppm                |                                                                                                                        |         |          |    |
| VLA                                                       | ESP                  |          | 0,05    |            |                    | RESP                                                                                                                   |         |          |    |
| VLEP                                                      | FRA                  | 0,1      |         |            |                    | RESP                                                                                                                   |         |          |    |
| GVI/KGVI                                                  | HRV                  | 0,1      |         |            |                    |                                                                                                                        |         |          |    |
| VLEP                                                      | ITA                  | 0,1      |         |            |                    | RESP                                                                                                                   |         |          |    |
| MV                                                        | SVN                  | 0,15     |         |            |                    | RESP                                                                                                                   |         |          |    |
| OEL                                                       | EU                   | 0,1      |         |            |                    | RESP                                                                                                                   |         |          |    |
| ACGIH                                                     |                      | 0,025    |         |            |                    | RESP                                                                                                                   |         |          |    |
| HYDRATED LIME                                             |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| Threshold Limit Value                                     |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| Type                                                      | Country              | TWA/8h   |         | STEL/15min |                    | Remarks / Observations                                                                                                 |         |          |    |
|                                                           |                      | mg/m3    | ppm     | mg/m3      | ppm                |                                                                                                                        |         |          |    |
| AGW                                                       | DEU                  | 1        |         | 2          |                    | INHAL                                                                                                                  |         |          |    |
| MAK                                                       | DEU                  | 1        |         | 2          |                    | INHAL                                                                                                                  |         |          |    |
| VLA                                                       | ESP                  | 1        |         | 4          |                    |                                                                                                                        |         |          |    |
| VLEP                                                      | FRA                  | 1        |         | 4          |                    |                                                                                                                        |         |          |    |
| GVI/KGVI                                                  | HRV                  | 1        |         | 4          |                    | RESP                                                                                                                   |         |          |    |
| VLEP                                                      | ITA                  | 1        |         | 4          |                    | RESP                                                                                                                   |         |          |    |
| MV                                                        | SVN                  | 1        |         | 4          |                    |                                                                                                                        |         |          |    |
| WEL                                                       | GBR                  | 5        |         |            |                    | INHAL                                                                                                                  |         |          |    |
| WEL                                                       | GBR                  | 1        |         | 4          |                    | RESP                                                                                                                   |         |          |    |
| OEL                                                       | EU                   | 1        |         | 4          |                    | RESP                                                                                                                   |         |          |    |
| ACGIH                                                     |                      | 5        |         |            |                    |                                                                                                                        |         |          |    |
| Predicted no-effect concentration - PNEC                  |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| Normal value in fresh water                               |                      |          |         |            |                    | 0,49                                                                                                                   | mg/l    |          |    |
| Normal value in marine water                              |                      |          |         |            |                    | 0,32                                                                                                                   | mg/l    |          |    |
| Normal value for water, intermittent release              |                      |          |         |            |                    | 0,49                                                                                                                   | mg/l    |          |    |
| Normal value of STP microorganisms                        |                      |          |         |            |                    | 3                                                                                                                      | mg/l    |          |    |
| Normal value for the terrestrial compartment              |                      |          |         |            |                    | 1080                                                                                                                   | mg/kg/d |          |    |
| Health - Derived no-effect level - DNEL / DMEL            |                      |          |         |            |                    |                                                                                                                        |         |          |    |
| Route of exposure                                         | Effects on consumers |          |         |            | Effects on workers |                                                                                                                        |         |          |    |
|                                                           | Acute                | Acute    | Chronic | Chronic    | Acute              | Acute                                                                                                                  | Chronic | Chronic  |    |
|                                                           | local                | systemic | local   | systemic   | local              | systemic                                                                                                               | local   | systemic |    |
| Inhalation                                                | 4                    |          | 1       |            | 4                  |                                                                                                                        | 1       |          |    |
|                                                           | mg/m3                |          | mg/m3   |            | mg/m3              |                                                                                                                        | mg/m3   |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
|                                                           |                      |          |         |            |                    |                                                                                                                        |         |          |    |
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## TIN(II) SULFATE

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| <div> <div>Licata S.p.A.</div> <div>C00004 - BetonFIP FLUID F</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <div> <div>Revision nr.6</div> <div>Dated 11/08/2026</div> <div>Printed on 11/08/2026</div> <div>Page n. 8 / 16</div> <div>Replaced revision:5 (Dated 14/11/2024)</div> </div> <div>EN</div>                                                                |
| SECTION 8. Exposure controls/personal protection ... / >>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| <div> <div>Wash body with soap and water after removing protective clothing.</div> <div>EYE PROTECTION</div> <div>Wear airtight protective goggles (see standard EN ISO 16321).</div> <div>RESPIRATORY PROTECTION</div> <div>Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).</div> <div>ENVIRONMENTAL EXPOSURE CONTROLS</div> <div>The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.</div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| SECTION 9. Physical and chemical properties                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| 9.1. Information on basic physical and chemical properties                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| <div> <div>Properties</div> <div>Appearance</div> <div>Colour</div> <div>Odour</div> <div>Melting point / freezing point</div> <div>Initial boiling point</div> <div>Flammability</div> <div>Lower explosive limit</div> <div>Upper explosive limit</div> <div>Flash point</div> <div>Auto-ignition temperature</div> <div>Decomposition temperature</div> <div>pH</div> <div>Kinematic viscosity</div> <div>Solubility</div> <div>Partition coefficient: n-octanol/water</div> <div>Vapour pressure</div> <div>Density and/or relative density</div> <div>Relative vapour density</div> <div>Particle characteristics</div> </div>          | <div> <div>Value</div> <div>powder</div> <div>grey</div> <div>characteristic</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>12</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> <div>not available</div> </div> | <div> <div>Information</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> |
| <div> <div>Supplementary information for nanoforms</div> <div>CALCIUM CARBONATE</div> <div>Shape 1:</div> <div>D50</div> <div>2,6</div> <div>µm</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| 9.2. Other information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| <div> <div>9.2.1. Information with regard to physical hazard classes</div> <div>Information not available</div> <div>9.2.2. Other safety characteristics</div> <div>Information not available</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| SECTION 10. Stability and reactivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| 10.1. Reactivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| <div> <div>There are no particular risks of reaction with other substances in normal conditions of use.</div> <div>Portland cement clinker</div> <div>When mixed with water, the white concrete hardens forming a stable mass that does not react with the environment.</div> <div>CALCIUM CARBONATE</div> <div>Decomposes at temperatures above 800°C/1472°F.</div> </div>                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |
| 10.2. Chemical stability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                             |

|                                                                                                                                                                                                                                              |  |                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div> <div>Licata S.p.A.</div> <div>C00004 - BetonFIP FLUID F</div> </div>                                                                                                                                                                   |  | <div> <div>Revision nr.6</div> <div>Dated 11/08/2026</div> <div>Printed on 11/08/2026</div> <div>Page n. 9 / 16</div> <div>Replaced revision:5 (Dated 14/11/2024)</div> </div> <div>EN</div> |
| <div>SECTION 10. Stability and reactivity ... / &gt;&gt;</div>                                                                                                                                                                               |  |                                                                                                                                                                                              |
| <div>The product is stable in normal conditions of use and storage.</div>                                                                                                                                                                    |  |                                                                                                                                                                                              |
| <div> <div>QUARTZ (fine fraction &lt;125 µm powder)</div> <div>Stable in normal conditions of use and storage.</div> </div>                                                                                                                  |  |                                                                                                                                                                                              |
| <div>10.3. Possibility of hazardous reactions</div>                                                                                                                                                                                          |  |                                                                                                                                                                                              |
| <div>The powders are potentially explosive when mixed with air.</div>                                                                                                                                                                        |  |                                                                                                                                                                                              |
| <div>10.4. Conditions to avoid</div>                                                                                                                                                                                                         |  |                                                                                                                                                                                              |
| <div>Avoid environmental dust build-up.</div>                                                                                                                                                                                                |  |                                                                                                                                                                                              |
| <div> <div>QUARTZ (fine fraction &lt;125 µm powder)</div> <div>Decomposes if exposed to: sources of heat.</div> </div>                                                                                                                       |  |                                                                                                                                                                                              |
| <div>10.5. Incompatible materials</div>                                                                                                                                                                                                      |  |                                                                                                                                                                                              |
| <div> <div>QUARTZ (fine fraction &lt;125 µm powder)</div> <div>Incompatible with: Oxidants.</div> </div>                                                                                                                                     |  |                                                                                                                                                                                              |
| <div> <div>CALCIUM CARBONATE</div> <div>Incompatible with: acids.</div> </div>                                                                                                                                                               |  |                                                                                                                                                                                              |
| <div> <div>HYDRATED LIME</div> <div>Incompatible with: acids,light metals,Organic nitrogen compounds,water,phosphorus,Hydrogen sulfur.</div> </div>                                                                                          |  |                                                                                                                                                                                              |
| <div>10.6. Hazardous decomposition products</div>                                                                                                                                                                                            |  |                                                                                                                                                                                              |
| <div> <div>CALCIUM CARBONATE</div> <div>May develop: calcium oxides,carbon oxides.</div> </div>                                                                                                                                              |  |                                                                                                                                                                                              |
| <div>SECTION 11. Toxicological information</div>                                                                                                                                                                                             |  |                                                                                                                                                                                              |
| <div>In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.</div> |  |                                                                                                                                                                                              |
| <div>It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.</div>                                 |  |                                                                                                                                                                                              |
| <div>11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008</div>                                                                                                                                                    |  |                                                                                                                                                                                              |
| <div> <div>Metabolism, toxicokinetics, mechanism of action and other information</div> <div>Information not available</div> </div>                                                                                                           |  |                                                                                                                                                                                              |
| <div> <div>Information on likely routes of exposure</div> <div>Information not available</div> </div>                                                                                                                                        |  |                                                                                                                                                                                              |
| <div> <div>Delayed and immediate effects as well as chronic effects from short and long-term exposure</div> <div>Information not available</div> </div>                                                                                      |  |                                                                                                                                                                                              |
| <div> <div>Interactive effects</div> <div>Information not available</div> </div>                                                                                                                                                             |  |                                                                                                                                                                                              |
| <div>ACUTE TOXICITY</div>                                                                                                                                                                                                                    |  |                                                                                                                                                                                              |
| <div>ATE (Inhalation) of the mixture:</div>                                                                                                                                                                                                  |  | <div>Not classified (no significant component)</div>                                                                                                                                         |
| <div>ATE (Oral) of the mixture:</div>                                                                                                                                                                                                        |  | <div>Not classified (no significant component)</div>                                                                                                                                         |
| <div>ATE (Dermal) of the mixture:</div>                                                                                                                                                                                                      |  | <div>Not classified (no significant component)</div>                                                                                                                                         |
| <div> <div>CALCIUM CARBONATE</div> <div>LD50 (Dermal):</div> <div>LD50 (Oral):</div> <div>LC50 (Inhalation mists/powders):</div> </div>                                                                                                      |  |                                                                                                                                                                                              |
|                                                                                                                                                                                                                                              |  | <div>&gt; 2000 mg/kg Rat</div>                                                                                                                                                               |
|                                                                                                                                                                                                                                              |  | <div>&gt; 2000 mg/kg Rat</div>                                                                                                                                                               |
|                                                                                                                                                                                                                                              |  | <div>&gt; 3 mg/l Rat</div>                                                                                                                                                                   |
| <div> <div>Slag, ferrous metals, blast furnace</div> <div>LD50 (Dermal):</div> <div>LD50 (Oral):</div> <div>LC50 (Inhalation mists/powders):</div> </div>                                                                                    |  |                                                                                                                                                                                              |
|                                                                                                                                                                                                                                              |  | <div>4000 mg/kg Ratto</div>                                                                                                                                                                  |
|                                                                                                                                                                                                                                              |  | <div>2000 mg/kg Ratto</div>                                                                                                                                                                  |
|                                                                                                                                                                                                                                              |  | <div>5235 mg/l Ratto</div>                                                                                                                                                                   |
| <div>EPY 12.4.0 - SDS 1004.14</div>                                                                                                                                                                                                          |  |                                                                                                                                                                                              |

SECTION 11. Toxicological information ... / >>

|                                  |                     |
|----------------------------------|---------------------|
| Calcium Oxide                    |                     |
| LD50 (Oral):                     | 2000 mg/kg Ratto    |
| LC50 (Inhalation mists/powders): | 6,04 mg/l/4h Ratto  |
| Fumes, silica                    |                     |
| LD50 (Dermal):                   | 5000 mg/kg Rabbit   |
| LD50 (Oral):                     | 5000 mg/kg Rat      |
| LC50 (Inhalation mists/powders): | 140 mg/l Rat        |
| Flue dust                        |                     |
| LD50 (Dermal):                   | 2000 mg/kg Ratto    |
| LD50 (Oral):                     | 1848 mg/kg Ratto    |
| LC50 (Inhalation mists/powders): | 6,04 mg/l/4h Ratto  |
| HYDRATED LIME                    |                     |
| LD50 (Dermal):                   | 2500 mg/kg Coniglio |
| LD50 (Oral):                     | 2000 mg/kg Ratto    |
| LC50 (Inhalation mists/powders): | 6,04 mg/l/4h Ratto  |
| TIN(II) SULFATE                  |                     |
| LD50 (Oral):                     | 2207 mg/kg Rat      |
| LC50 (Inhalation mists/powders): | 2 mg/l Rat          |

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

May cause respiratory irritation

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

|                                             |                     |                                                                                                                         |    |
|---------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------|----|
| Licata S.p.A.                               |                     | Revision nr.6<br>Dated 11/08/2026<br>Printed on 11/08/2026<br>Page n. 11 / 16<br>Replaced revision:5 (Dated 14/11/2024) | EN |
| C00004 - BetonFIP FLUID F                   |                     |                                                                                                                         |    |
| SECTION 12. Ecological information ... / >> |                     |                                                                                                                         |    |
| 12.1. Toxicity                              |                     |                                                                                                                         |    |
| CALCIUM CARBONATE                           |                     |                                                                                                                         |    |
| LC50 - for Fish                             | > 100 mg/l/96h      |                                                                                                                         |    |
| EC50 - for Crustacea                        | > 100 mg/l/48h      |                                                                                                                         |    |
| EC50 - for Algae / Aquatic Plants           | 14 mg/l/72h         |                                                                                                                         |    |
| Slag, ferrous metals, blast furnace         |                     |                                                                                                                         |    |
| LC50 - for Fish                             | 550000 mg/l/96h     |                                                                                                                         |    |
| EC50 - for Crustacea                        | 506500 mg/l/48h     |                                                                                                                         |    |
| EC50 - for Algae / Aquatic Plants           | 80000 mg/l/72h      |                                                                                                                         |    |
| EC10 for Algae / Aquatic Plants             | 32000 mg/l/72h      |                                                                                                                         |    |
| Chronic NOEC for Fish                       | 500000 mg/l 6 mesi  |                                                                                                                         |    |
| Chronic NOEC for Crustacea                  | 50000 mg/l          |                                                                                                                         |    |
| Chronic NOEC for Algae / Aquatic Plants     | 32000 mg/l          |                                                                                                                         |    |
| Calcium Oxide                               |                     |                                                                                                                         |    |
| LC50 - for Fish                             | 50,6 mg/l/96h       |                                                                                                                         |    |
| EC50 - for Crustacea                        | 49,1 mg/l/48h       |                                                                                                                         |    |
| EC50 - for Algae / Aquatic Plants           | 184,57 mg/l/72h     |                                                                                                                         |    |
| EC10 for Crustacea                          | 75 mg/l/48h         |                                                                                                                         |    |
| EC10 for Algae / Aquatic Plants             | 79,22 mg/l/72h      |                                                                                                                         |    |
| Chronic NOEC for Crustacea                  | 33,3 mg/l           |                                                                                                                         |    |
| Chronic NOEC for Algae / Aquatic Plants     | 48 mg/l             |                                                                                                                         |    |
| Fumes, silica                               |                     |                                                                                                                         |    |
| LC50 - for Fish                             | 100 mg/l/96h        |                                                                                                                         |    |
| EC50 - for Algae / Aquatic Plants           | 250 mg/l/72h        |                                                                                                                         |    |
| LC10 for Fish                               | 10000 mg/l/96h      |                                                                                                                         |    |
| EC10 for Algae / Aquatic Plants             | 228 mg/l/72h        |                                                                                                                         |    |
| Chronic NOEC for Algae / Aquatic Plants     | 228 mg/l            |                                                                                                                         |    |
| Flue dust                                   |                     |                                                                                                                         |    |
| EC50 - for Algae / Aquatic Plants           | 28,2 mg/l/72h       |                                                                                                                         |    |
| EC10 for Algae / Aquatic Plants             | 10,3 mg/l/72h       |                                                                                                                         |    |
| Chronic NOEC for Fish                       | 11,1 mg/l           |                                                                                                                         |    |
| Chronic NOEC for Crustacea                  | 100 mg/l            |                                                                                                                         |    |
| Chronic NOEC for Algae / Aquatic Plants     | 10,3 mg/l           |                                                                                                                         |    |
| HYDRATED LIME                               |                     |                                                                                                                         |    |
| LC50 - for Fish                             | 50,6 mg/l/96h       |                                                                                                                         |    |
| EC50 - for Crustacea                        | 49,1 mg/l/48h       |                                                                                                                         |    |
| EC50 - for Algae / Aquatic Plants           | 184,57 mg/l/72h     |                                                                                                                         |    |
| EC10 for Crustacea                          | 75 mg/l/48h         |                                                                                                                         |    |
| EC10 for Algae / Aquatic Plants             | 79,22 mg/l/72h      |                                                                                                                         |    |
| Chronic NOEC for Fish                       | 32 mg/l             |                                                                                                                         |    |
| Chronic NOEC for Crustacea                  | 33,3 mg/l           |                                                                                                                         |    |
| Chronic NOEC for Algae / Aquatic Plants     | 48 mg/l             |                                                                                                                         |    |
| TIN(II) SULFATE                             |                     |                                                                                                                         |    |
| LC50 - for Fish                             | 29,5 mg/l/96h       |                                                                                                                         |    |
| EC50 - for Crustacea                        | 55 mg/l/48h         |                                                                                                                         |    |
| EC50 - for Algae / Aquatic Plants           | 18,2 mg/l/72h       |                                                                                                                         |    |
| EC10 for Algae / Aquatic Plants             | 9,1 mg/l/72h        |                                                                                                                         |    |
| Chronic NOEC for Algae / Aquatic Plants     | 9,1 mg/l            |                                                                                                                         |    |
| 12.2. Persistence and degradability         |                     |                                                                                                                         |    |
| CALCIUM CARBONATE                           |                     |                                                                                                                         |    |
| Solubility in water                         | 16,6 mg/l           |                                                                                                                         |    |
| Degradability: information not available    | Sostanza inorganica |                                                                                                                         |    |
| Portland cement clinker                     |                     |                                                                                                                         |    |
| Solubility in water                         | 800 mg/l            |                                                                                                                         |    |
| Degradability: information not available    | Sostanza inorganica |                                                                                                                         |    |
| EPY 12.4.0 - SDS 1004.14                    |                     |                                                                                                                         |    |

|                                                                                                                                                                                                    |  |                                                                                                                         |  |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|--|----|
| Licata S.p.A.                                                                                                                                                                                      |  | Revision nr.6<br>Dated 11/08/2026<br>Printed on 11/08/2026<br>Page n. 12 / 16<br>Replaced revision:5 (Dated 14/11/2024) |  | EN |
| C00004 - BetonFIP FLUID F                                                                                                                                                                          |  |                                                                                                                         |  |    |
| SECTION 12. Ecological information ... / >>                                                                                                                                                        |  |                                                                                                                         |  |    |
| QUARTZ                                                                                                                                                                                             |  |                                                                                                                         |  |    |
| Degradability: information not available                                                                                                                                                           |  |                                                                                                                         |  |    |
| Slag, ferrous metals, blast furnace                                                                                                                                                                |  |                                                                                                                         |  |    |
| Solubility in water                                                                                                                                                                                |  | 0,01 mg/l                                                                                                               |  |    |
| NOT rapidly degradable                                                                                                                                                                             |  |                                                                                                                         |  |    |
| Calcium Oxide                                                                                                                                                                                      |  |                                                                                                                         |  |    |
| Solubility in water                                                                                                                                                                                |  | 1338 mg/l                                                                                                               |  |    |
| Degradability: information not available                                                                                                                                                           |  | Sostanza Inorganica                                                                                                     |  |    |
| Fumes, silica                                                                                                                                                                                      |  |                                                                                                                         |  |    |
| Solubility in water                                                                                                                                                                                |  | 135 mg/l                                                                                                                |  |    |
| Degradability: information not available                                                                                                                                                           |  | Sostanza inorganica                                                                                                     |  |    |
| Flue dust                                                                                                                                                                                          |  |                                                                                                                         |  |    |
| Degradability: information not available                                                                                                                                                           |  |                                                                                                                         |  |    |
| HYDRATED LIME                                                                                                                                                                                      |  |                                                                                                                         |  |    |
| Solubility in water                                                                                                                                                                                |  | 1845 mg/l                                                                                                               |  |    |
| Degradability: information not available                                                                                                                                                           |  | Sostanza inorganica                                                                                                     |  |    |
| TIN(II) SULFATE                                                                                                                                                                                    |  |                                                                                                                         |  |    |
| Solubility in water                                                                                                                                                                                |  | 188000 mg/l                                                                                                             |  |    |
| Rapidly degradable                                                                                                                                                                                 |  |                                                                                                                         |  |    |
| QUARTZ (fine fraction <125 µm powder)                                                                                                                                                              |  |                                                                                                                         |  |    |
| Degradability: information not available                                                                                                                                                           |  |                                                                                                                         |  |    |
| 12.3. Bioaccumulative potential                                                                                                                                                                    |  |                                                                                                                         |  |    |
| Slag, ferrous metals, blast furnace                                                                                                                                                                |  |                                                                                                                         |  |    |
| Partition coefficient: n-octanol/water                                                                                                                                                             |  | -9 Log Kow                                                                                                              |  |    |
| BCF                                                                                                                                                                                                |  | 10                                                                                                                      |  |    |
| TIN(II) SULFATE                                                                                                                                                                                    |  |                                                                                                                         |  |    |
| BCF                                                                                                                                                                                                |  | 3000                                                                                                                    |  |    |
| 12.4. Mobility in soil                                                                                                                                                                             |  |                                                                                                                         |  |    |
| TIN(II) SULFATE                                                                                                                                                                                    |  |                                                                                                                         |  |    |
| Partition coefficient: soil/water                                                                                                                                                                  |  | 371535,229                                                                                                              |  |    |
| 12.5. Results of PBT and vPvB assessment                                                                                                                                                           |  |                                                                                                                         |  |    |
| On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.                                                                                            |  |                                                                                                                         |  |    |
| 12.6. Endocrine disrupting properties                                                                                                                                                              |  |                                                                                                                         |  |    |
| Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation. |  |                                                                                                                         |  |    |
| 12.7. Other adverse effects                                                                                                                                                                        |  |                                                                                                                         |  |    |
| Information not available                                                                                                                                                                          |  |                                                                                                                         |  |    |
| SECTION 13. Disposal considerations                                                                                                                                                                |  |                                                                                                                         |  |    |
| 13.1. Waste treatment methods                                                                                                                                                                      |  |                                                                                                                         |  |    |
| Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.    |  |                                                                                                                         |  |    |
| Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.                                                                         |  |                                                                                                                         |  |    |
| The management of waste arising from the use or dispersal of this product must be organised in accordance with occupational safety regulations. See section 8 for possible need for PPE.           |  |                                                                                                                         |  |    |
| CONTAMINATED PACKAGING                                                                                                                                                                             |  |                                                                                                                         |  |    |
| Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.                                                                                  |  |                                                                                                                         |  |    |
| EPY 12.4.0 - SDS 1004.14                                                                                                                                                                           |  |                                                                                                                         |  |    |

|                                                                                                                                                                                                                                                                                              |  |                                                                                                                         |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <div>Licata S.p.A.</div> <div>C00004 - BetonFIP FLUID F</div>                                                                                                                                                                                                                                |  | Revision nr.6<br>Dated 11/08/2026<br>Printed on 11/08/2026<br>Page n. 13 / 16<br>Replaced revision:5 (Dated 14/11/2024) | EN                       |
| SECTION 13. Disposal considerations ... / >>                                                                                                                                                                                                                                                 |  |                                                                                                                         |                          |
| <div><div>Directive 2008/98/EC (waste)</div><div>For the disposal of waste from this material, the hazard characteristics shall be assessed in accordance with Directive 2008/98/EC. Any transboundary shipment must comply with Regulation (EU) 2024/1157.</div></div>                      |  |                                                                                                                         |                          |
| SECTION 14. Transport information                                                                                                                                                                                                                                                            |  |                                                                                                                         |                          |
| <div>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</div> |  |                                                                                                                         |                          |
| 14.1. UN number or ID number                                                                                                                                                                                                                                                                 |  |                                                                                                                         |                          |
| not applicable                                                                                                                                                                                                                                                                               |  |                                                                                                                         |                          |
| 14.2. UN proper shipping name                                                                                                                                                                                                                                                                |  |                                                                                                                         |                          |
| not applicable                                                                                                                                                                                                                                                                               |  |                                                                                                                         |                          |
| 14.3. Transport hazard class(es)                                                                                                                                                                                                                                                             |  |                                                                                                                         |                          |
| not applicable                                                                                                                                                                                                                                                                               |  |                                                                                                                         |                          |
| 14.4. Packing group                                                                                                                                                                                                                                                                          |  |                                                                                                                         |                          |
| not applicable                                                                                                                                                                                                                                                                               |  |                                                                                                                         |                          |
| 14.5. Environmental hazards                                                                                                                                                                                                                                                                  |  |                                                                                                                         |                          |
| not applicable                                                                                                                                                                                                                                                                               |  |                                                                                                                         |                          |
| 14.6. Special precautions for user                                                                                                                                                                                                                                                           |  |                                                                                                                         |                          |
| not applicable                                                                                                                                                                                                                                                                               |  |                                                                                                                         |                          |
| 14.7. Maritime transport in bulk according to IMO instruments                                                                                                                                                                                                                                |  |                                                                                                                         |                          |
| Information not relevant                                                                                                                                                                                                                                                                     |  |                                                                                                                         |                          |
| SECTION 15. Regulatory information                                                                                                                                                                                                                                                           |  |                                                                                                                         |                          |
| 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture                                                                                                                                                                                         |  |                                                                                                                         |                          |
| <div>Seveso Category - Directive 2012/18/EU:None</div>                                                                                                                                                                                                                                       |  |                                                                                                                         |                          |
| <div>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006</div>                                                                                                                                                                    |  |                                                                                                                         |                          |
| <div><div>Contained substance</div><div>Point75</div></div>                                                                                                                                                                                                                                  |  |                                                                                                                         |                          |
| <div><div>Notification Art. 45 CLP</div><div>The mixture may not have been notified in all EU Member States. In the event of resale in a country other than the one in which it was purchased, contact the supplier to verify any applicable obligations.</div></div>                        |  |                                                                                                                         |                          |
| <div><div>Regulation (EU) 2024/590 - Ozone-depleting substances</div><div>None</div></div>                                                                                                                                                                                                   |  |                                                                                                                         |                          |
| <div><div>Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors</div><div>not applicable</div></div>                                                                                                                                                                 |  |                                                                                                                         |                          |
| <div><div>Substances in Candidate List (Art. 59 REACH)</div><div>On the basis of available data, the product does not contain any SVHC in percentage <math>\geq</math> than 0,1%.</div></div>                                                                                                |  |                                                                                                                         |                          |
| <div><div>Substances subject to authorisation (Annex XIV REACH)</div><div>None</div></div>                                                                                                                                                                                                   |  |                                                                                                                         |                          |
|                                                                                                                                                                                                                                                                                              |  |                                                                                                                         | EPY 12.4.0 - SDS 1004.14 |

|                                                               |                                                                                                                                                      |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Licata S.p.A.</div> <div>C00004 - BetonFIP FLUID F</div> | <div>Revision nr.6<br/>Dated 11/08/2026<br/>Printed on 11/08/2026<br/>Page n. 14 / 16<br/>Replaced revision:5 (Dated 14/11/2024)</div> <div>EN</div> |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 15. Regulatory information ... / >>

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Regulation (EU) 2019/1021 - on persistent organic pollutants

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Acute Tox. 4      | Acute toxicity, category 4                                         |
| STOT RE 1         | Specific target organ toxicity - repeated exposure, category 1     |
| STOT RE 2         | Specific target organ toxicity - repeated exposure, category 2     |
| Eye Dam. 1        | Serious eye damage, category 1                                     |
| Eye Irrit. 2      | Eye irritation, category 2                                         |
| Skin Irrit. 2     | Skin irritation, category 2                                        |
| STOT SE 3         | Specific target organ toxicity - single exposure, category 3       |
| Skin Sens. 1      | Skin sensitization, category 1                                     |
| Skin Sens. 1B     | Skin sensitization, category 1B                                    |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic toxicity, category 3 |
| H332              | Harmful if inhaled.                                                |
| H372              | Causes damage to organs through prolonged or repeated exposure.    |
| H373              | May cause damage to organs through prolonged or repeated exposure. |
| H318              | Causes serious eye damage.                                         |
| H319              | Causes serious eye irritation.                                     |
| H315              | Causes skin irritation.                                            |
| H335              | May cause respiratory irritation.                                  |
| H317              | May cause an allergic skin reaction.                               |
| H412              | Harmful to aquatic life with long lasting effects.                 |

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road

- ATE: Acute Toxicity Estimate

- CAS: Chemical Abstract Service Number

- CE50: Effective concentration (required to induce a 50% effect)

- CE: Identifier in ESIS (European archive of existing substances)

- CLP: Regulation (EC) 1272/2008

- DNEL: Derived No Effect Level

- EmS: Emergency Schedule

- GHS: Globally Harmonized System of classification and labeling of chemicals

- IATA DGR: International Air Transport Association Dangerous Goods Regulation

- IC50: Immobilization Concentration 50%

- IMDG: International Maritime Code for dangerous goods

- IMO: International Maritime Organization

- INDEX: Identifier in Annex VI of CLP

- LC50: Lethal Concentration 50%

- LD50: Lethal dose 50%

- OEL: Occupational Exposure Level

- PBT: Persistent, bioaccumulative and toxic

- PEC: Predicted environmental Concentration

- PEL: Predicted exposure level

- PMT: Persistent, mobile and toxic

- PNEC: Predicted no effect concentration

- REACH: Regulation (EC) 1907/2006

EPY 12.4.0 - SDS 1004.14

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The following sections were modified:  
01 / 02 / 03 / 08 / 09 / 10 / 11 / 12 / 13 / 15 / 16.