

## 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: **P10964**  
Product name: **ResinFIP POLYBOND F 210 COMP.A**  
UFI: **N031-C0V6-R00G-MDGS**

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

Intended use: **Unsaturated polyester resin**

#### 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 (RM) Italia**  
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:  
**NHS111in England: 111**  
**NHS24in 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:

Flammable liquid, category 3	H226	Flammable liquid and vapour.
Reproductive toxicity, category 2	H361d	Suspected of damaging the unborn child.
Specific target organ toxicity - repeated exposure, category 1	H372	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin 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:



Licata S.p.A.			Revision nr.9 Dated 12/02/2026 Printed on 12/02/2026 Page n. 2 / 15 Replaced revision:8 (Dated 09/10/2024)		EN
P10964 - ResinFIP POLYBOND F 210 COMP.A					
SECTION 2. Hazards identification ... / >>					
Signal words:		Danger			
Hazard statements:		<div><div>H226</div><div>H361d</div><div>H372</div><div>H304</div><div>H319</div><div>H315</div><div>H317</div></div> <div>Flammable liquid and vapour. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction.</div>			
Precautionary statements:		<div><div>P210</div><div>P331</div><div>P280</div><div>P301+P310</div><div>P370+P378</div><div>P261</div></div> <div>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do NOT induce vomiting. Wear protective gloves/ protective clothing / eye protection / face protection. IF SWALLOWED: Immediately contact a POISON CENTER or doctor In case of fire: use carbon dioxide, sand, foam or powder to extinguish. Avoid breathing dust / fume / gas / mist / vapours / spray.</div>			
Contains:		STYRENE MALEIC ANHYDRIDE 2,2'-[(4-methylphenyl)imino]bisethanol			
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)		
STYRENE					
INDEX	601-026-00-0	18 ≤ x < 19,5	Flam. Liq. 3 H226, Repr. 2 H361d, Acute Tox. 4 H332, STOT RE 1 H372, Asp. Tox. 1 H304, Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335, Aquatic Chronic 3 H412, Classification note according to Annex VI to the CLP Regulation: D LC50 Inhalation vapours: 11,8 mg/l/4h		
EC	202-851-5				
CAS	100-42-5				
2,2'-[(4-methylphenyl)imino]bisethanol					
INDEX		0,35 ≤ x < 0,4	Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Chronic 3 H412 LD50 Oral: 959 mg/kg		
EC	221-359-1				
CAS	3077-12-1				
HYDROQUINONE					
INDEX	604-005-00-4	0,018 ≤ x < 0,021	Carc. 2 H351, Muta. 2 H341, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=10 LD50 Oral: 302 mg/kg		
EC	204-617-8				
CAS	123-31-9				
MALEIC ANHYDRIDE					
INDEX	607-096-00-9	0,018 ≤ x < 0,021	Acute Tox. 4 H302, STOT RE 1 H372, Skin Corr. 1B H314, Eye Dam. 1 H318, Resp. Sens. 1 H334, Skin Sens. 1A H317, EUH071 Skin Sens. 1A H317: ≥ 0,001% LD50 Oral: 1090 mg/kg		
EC	203-571-6				
CAS	108-31-6				
REACH Reg.	01-2119472428-31-XXXX				
The full wording of hazard (H) phrases is given in section 16 of the sheet.					
EPY 11.9.0 - SDS 1004.14					

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

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.

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.

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.

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.

#### Rescuer protection

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.

### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get medical advice / attention.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

### 5.2. Special hazards arising from the substance or mixture

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

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.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

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).

<div>Licata S.p.A.</div> <div>P10964 - ResinFIP POLYBOND F 210 COMP.A</div>		<div>Revision nr.9</div> <div>Dated 12/02/2026</div> <div>Printed on 12/02/2026</div> <div>Page n. 4 / 15</div> <div>Replaced revision:8 (Dated 09/10/2024)</div> <div>EN</div>
SECTION 6. Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
<div>Block the leakage if there is no hazard.</div> <div>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.</div> <div>Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.</div>		
6.2. Environmental precautions		
<div>The product must not penetrate into the sewer system or come into contact with surface water or ground water.</div>		
6.3. Methods and material for containment and cleaning up		
<div>Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.</div> <div>Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</div>		
6.4. Reference to other sections		
<div>Any information on personal protection and disposal is given in sections 8 and 13.</div>		
SECTION 7. Handling and storage		
7.1. Precautions for safe handling		
<div>Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.</div>		
7.2. Conditions for safe storage, including any incompatibilities		
<div>Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.</div>		
7.3. Specific end use(s)		
<div>Information not available</div>		
SECTION 8. Exposure controls/personal protection		
8.1. Control parameters		
Regulatory references:		
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
SVN	Slovenija	Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti rakotvornim, mutagenim ali reprotoksičnim snovem pri delu. Ljubljana, četrtek 4. 4. 2024
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
		<div>EPY 11.9.0 - SDS 1004.14</div>

## SECTION 8. Exposure controls/personal protection ... / &gt;&gt;

## STYRENE

## Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	86	20	172	40	
MAK	DEU	86	20	172	40	
VLA	ESP	86	20	172	40	
VLEP	FRA	100	23,3	200	46,6	
GVI/KGVI	HRV	430	100	1080	250	SKIN
MV	SVN	86	20	172	40	
WEL	GBR	430	100	1080	250	

## Predicted no-effect concentration - PNEC

Normal value in fresh water	0,028	mg/l
Normal value in marine water	0,0028	mg/l
Normal value for fresh water sediment	0,614	mg/l
Normal value for marine water sediment	0,0614	mg/l
Normal value for the terrestrial compartment	0,2	mg/kg

## Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers		Chronic local	Chronic systemic	Effects on workers			
	Acute local	Acute systemic			Acute local	Acute systemic	Chronic local	Chronic systemic
Oral						289	306	
Inhalation		174,25 mg/m3			306 mg/m3	289 mg/m3		85 mg/m3
Skin								406 mg/kg bw/d

## HYDROQUINONE

## Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
VLA	ESP	2				
VLEP	FRA	2				
GVI/KGVI	HRV	0,5				
MV	SVN	2		2		INHAL
WEL	GBR	0,5				

## Predicted no-effect concentration - PNEC

Normal value in fresh water	0,00011	mg/l
Normal value in marine water	0,00001	mg/l
Normal value for fresh water sediment	0,00098	mg/kg
Normal value for marine water sediment	0,00009	mg/kg
Normal value for water, intermittent release	0,00134	mg/l
Normal value of STP microorganisms	0,71	mg/l
Normal value for the terrestrial compartment	0,00012	mg/kg

## Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers		Chronic local	Chronic systemic	Effects on workers			
	Acute local	Acute systemic			Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation						1 mg/m3		7 mg/m3
Skin								128 mg/kg bw/d

## SECTION 8. Exposure controls/personal protection ... / &gt;&gt;

## MALEIC ANHYDRIDE

## Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	0,081	0,02	0,081	0,02	11
MAK	DEU	0,081	0,02	0,081 (C)	0,02 (C)	C = 0,20 mg/m3
VLA	ESP	0,4	0,1			
VLEP	FRA			1		
GVI/KGVI	HRV	0,41	0,1	0,8	0,2	INHAL
GVI/KGVI	HRV	0,41	0,1	0,8	0,2	SKIN
MV	SVN	0,41	0,1	0,41	0,1	
WEL	GBR	1		3		

## Predicted no-effect concentration - PNEC

Normal value in fresh water	0,04281	mg/l
Normal value in marine water	0,00428	mg/l
	1	
Normal value for fresh water sediment	0,334	mg/kg
Normal value for marine water sediment	0,0334	mg/kg
Normal value for the terrestrial compartment	0,0415	mg/kg

## Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers		Chronic local	Chronic systemic	Effects on workers			
	Acute local	Acute systemic			Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation					0,8 mg/m3	0,8 mg/m3	0,4 mg/m3	0,4 mg/m3
Skin					0,04 mg/cm2	0,04 mg/cm2	0,04 mg/cm2	0,04 mg/cm2

## 2,2'-[(4-methylphenyl)imino]bisethanol

## Predicted no-effect concentration - PNEC

Normal value in fresh water	0,0264	mg/l
Normal value in marine water	0,00264	mg/l
Normal value for fresh water sediment	0,1214	mg/kg/d
Normal value for marine water sediment	0,0121	mg/kg/d
Normal value for water, intermittent release	0,26	mg/l
Normal value for fresh water, intermittent release	0,0264	mg/l
Normal value of STP microorganisms	10	mg/l
Normal value for the terrestrial compartment	0,0088	mg/kg/d

## Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers		Chronic local	Chronic systemic	Effects on workers			
	Acute local	Acute systemic			Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,160 mg/kg bw/d				
Inhalation				0,58 mg/m3				3,29 mg/m3
Skin				0,17 mg/kg bw/d				0,47 mg/kg bw/d

## Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

## 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

## HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends

## SECTION 8. Exposure controls/personal protection ... / >>

on the duration and type of use.

### SKIN PROTECTION

Wear category III professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

### EYE PROTECTION

Wear airtight protective goggles (see standard EN ISO 16321).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

### RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type AX filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	not available	
Colour	not available	
Odour	not available	
Melting point / freezing point	not available	
Initial boiling point	> 55 °C	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	< 55 °C	
Auto-ignition temperature	> 250 °C	
Decomposition temperature	not available	
pH	7,5	
Kinematic viscosity	not available	
Dynamic viscosity	12000-18000 cPs	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	1700 g/dm3	
Relative vapour density	not available	
Particle characteristics	not applicable	

### Supplementary information for nanoforms

#### AMORPHOUS SILICA (nanoform)

Denomination	CAB-O-SIL M-5	
Other identifier	Biossido di silicio, Silice sintetica Amorfa	
<b>Shape 1:</b>		
Category	spheroidal	
Shape	spherical	
D10	7 - 15	nm
D50	2 - 30	nm
D90	10 - 35	nm
Specific surface area by mass	50 - 450	m2/g

#### MINEMA 1-2-44

<b>Shape 1:</b>		
D50	5	µm

### Crystallinity

#### Crystalline structure 1:

### Surface functionalisation / treatment

**SECTION 9. Physical and chemical properties** ... / >>**Surface treatments 1:****9.2. Other information****9.2.1. Information with regard to physical hazard classes**

Information not available

**9.2.2. Other safety characteristics**

VOC (Directive 2010/75/EU)	14,83 %	-	252,06	g/litre
VOC (volatile carbon)	13,30 %	-	226,12	g/litre

**SECTION 10. Stability and reactivity****10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

**DIPROPYLENE GLYCOL MONOMETHYL ETHER**

Forms peroxides with: air.

**STYRENE**

Polymerises at temperatures above 65°C/149°F. Fire hazard. Possibility of explosion.

Added with an inhibitor that requires a small amount of dissolved oxygen at temperatures &lt; 25°C/77°F.

**10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**

The vapours may also form explosive mixtures with the air.

**DIPROPYLENE GLYCOL MONOMETHYL ETHER**

May react violently with: strong oxidising agents.

**STYRENE**

May react dangerously with: peroxides, strong acids. May polymerise on contact with: aluminium trichloride, azobisisobutyronitrile, dibenzoyl peroxide, sodium. Risk of explosion on contact with: butyllithium, chlorosulphuric acid, di-tert-butyl peroxide, oxidising substances, oxygen.

**10.4. Conditions to avoid**

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

**DIPROPYLENE GLYCOL MONOMETHYL ETHER**

Avoid exposure to: sources of heat. Possibility of explosion.

**STYRENE**

Avoid contact with: oxidising substances, copper, strong acids.

**10.5. Incompatible materials****STYRENE**

Incompatible materials: plastic materials.

**10.6. Hazardous decomposition products**

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

**SECTION 11. Toxicological information**

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.

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.

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information



**SECTION 11. Toxicological information** ... / >>

Information not available

Information on likely routes of exposure**STYRENE**

WORKERS: inhalation; contact with the skin.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**STYRENE**

The acute toxicity by inhalation at 1000 ppm affects the central nervous system with headache and dizziness, lack of coordination; irritation of the eye and respiratory tract mucous membranes occurs at 500 ppm. Chronic exposure causes depression of the central and peripheral nervous system with loss of memory, headache and drowsiness starting at 20 ppm; digestive disorders with nausea and loss of appetite; irritation of the respiratory tract with chronic bronchitis; dermatosis. Repeated exposure, at low doses of inhaled substance, causes irreversible changes to hearing and may cause changes in colour vision. No certain data is available on the reversibility of the visual impairment. Repeated skin exposure causes irritation. The substance degrades the skin, which can cause dryness and cracking.

Interactive effects**STYRENE**

The metabolism of the substance is inhibited by ethanol. When styrene is photo-oxidised with ozone and nitrogen dioxide, as in the formation of smog, products highly irritating for the human eye may ensue.

ACUTE TOXICITY

ATE (Inhalation - vapours) of the mixture:

> 20 mg/l

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

**STYRENE**

LD50 (Oral):

2650 mg/kg Rat

LC50 (Inhalation vapours):

11,8 mg/l/4h Rat

**DIPROPYLENE GLYCOL MONOMETHYL ETHER**

LD50 (Dermal):

9510 mg/kg Coniglio

LD50 (Oral):

> 5000 mg/kg Ratto

LC50 (Inhalation vapours):

3,35 mg/l/7h Ratto

**2,2'-[(4-methylphenyl)imino]bisethanol**

LD50 (Dermal):

2000 mg/kg Rat

LD50 (Oral):

959 mg/kg Rat

**HYDROQUINONE**

LD50 (Dermal):

> 900 mg/kg Rat

LD50 (Oral):

302 mg/kg Rat

**MALEIC ANHYDRIDE**

LD50 (Dermal):

2620 mg/kg Rat

LD50 (Oral):

1090 mg/kg Rat

LC50 (Inhalation vapours):

> 4,35 mg/l/1h Ratto

SKIN CORROSION / IRRITATION

Causes skin irritation

**MINEMA 1-2-44**

According to the classification criteria of the European Union, the product is not considered a skin irritant.

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

**MINEMA 1-2-44**

According to the classification criteria of the European Union, the product is not considered to be an eye irritant.

RESPIRATORY OR SKIN SENSITISATION

**SECTION 11. Toxicological information** ... / >>

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

STYRENE

Classified in Group 2B (possible human carcinogen) by the International Agency for Research on Cancer (IARC) - (IARC, 2002).

Classified as "probable carcinogen" by the US National Toxicology Program (NTP) - (US DHHS, 2014).

REPRODUCTIVE TOXICITY

Suspected of damaging the unborn child

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Causes damage to organs

ASPIRATION HAZARD

Toxic for aspiration

**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.

MINEMA 1-2-44

The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**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.

**12.1. Toxicity**STYRENE

LC50 - for Fish 4,02 mg/l/96h

EC50 - for Crustacea 4,7 mg/l/48h

EC50 - for Algae / Aquatic Plants 4,9 mg/l/72h

DIPROPYLENE GLYCOL MONOMETHYL ETHER

LC50 - for Fish > 1000 mg/l/96h

EC50 - for Crustacea 1919 mg/l/48h Pulce d'acqua grande

Chronic NOEC for Crustacea > 0,5 mg/l Pulce d'acqua grande

2,2'-[(4-methylphenyl)imino]bisethanol

LC50 - for Fish 100 mg/l/96h

EC50 - for Crustacea 48 mg/l/48h

EC50 - for Algae / Aquatic Plants 100 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants 100 mg/l

HYDROQUINONE

LC50 - for Fish 0,044 mg/l/96h Danio rerio

EC50 - for Crustacea 0,13 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 17 mg/l/72h Chlorococcales

**P10964 - ResinFIP POLYBOND F 210 COMP.A****SECTION 12. Ecological information ... / >>**

MALEIC ANHYDRIDE	
LC50 - for Fish	75 mg/l/96h
EC50 - for Crustacea	43 mg/l/48h Dafnie
EC50 - for Algae / Aquatic Plants	74,5 mg/l/72h

**12.2. Persistence and degradability**

MINEMA 1-2-44	
Degradability: information not available	Sostanza inorganica

STYRENE  
Rapidly degradable

DIPROPYLENE GLYCOL MONOMETHYL ETHER	
Solubility in water	1000 mg/l
Rapidly degradable	75%

2,2'-[(4-methylphenyl)imino]bisethanol	
Solubility in water	19800 mg/l
NOT rapidly degradable	

HYDROQUINONE	
Solubility in water	> 10000 mg/l
Rapidly degradable	

MALEIC ANHYDRIDE	
Solubility in water	> 10000 mg/l
Rapidly degradable	

**12.3. Bioaccumulative potential**

DIPROPYLENE GLYCOL MONOMETHYL ETHER	
Partition coefficient: n-octanol/water	0,006 Log Kow
BCF	< 100

2,2'-[(4-methylphenyl)imino]bisethanol	
Partition coefficient: n-octanol/water	2 Log Kow

HYDROQUINONE	
Partition coefficient: n-octanol/water	0,59
BCF	3,162

MALEIC ANHYDRIDE	
Partition coefficient: n-octanol/water	-2,61

**12.4. Mobility in soil**

DIPROPYLENE GLYCOL MONOMETHYL ETHER	
Partition coefficient: soil/water	0,28

HYDROQUINONE	
Partition coefficient: soil/water	1,585

MALEIC ANHYDRIDE	
Partition coefficient: soil/water	6,314

**12.5. Results of PBT and vPvB assessment**

MINEMA 1-2-44

This substance/mixture does not contain components considered to be both persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

**12.6. Endocrine disrupting properties**

**SECTION 12. Ecological information** ... / >>

## MINEMA 1-2-44

The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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**

## MINEMA 1-2-44

This product has no known ecotoxicological effects.

**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.

Waste transportation may be subject to ADR restrictions.

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.

## MINEMA 1-2-44

Take non-recyclable solutions and surplus to an authorized waste disposal company.

**SECTION 14. Transport information****14.1. UN number or ID number**

ADR / RID, IMDG, IATA: UN 1866

**14.2. UN proper shipping name**

ADR / RID: RESIN SOLUTION  
IMDG: RESIN SOLUTION  
IATA: RESIN SOLUTION

**14.3. Transport hazard class(es)**

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3

**14.4. Packing group**

ADR / RID, IMDG, IATA: III

**14.5. Environmental hazards**

ADR / RID: NO  
IMDG: not marine pollutant  
IATA: NO

<div>Licata S.p.A.</div> <div>P10964 - ResinFIP POLYBOND F 210 COMP.A</div>		<div>Revision nr.9</div> <div>Dated 12/02/2026</div> <div>Printed on 12/02/2026</div> <div>Page n. 13 / 15</div> <div>Replaced revision:8 (Dated 09/10/2024)</div> <div>EN</div>								
SECTION 14. Transport information ... / >>										
14.6. Special precautions for user										
<div><div>ADR / RID:</div><div>IMDG:</div><div>IATA:</div></div> <div><div>HIN - Kemler: 30</div><div>Special provision: -</div><div>EMS: F-E, S-E</div><div>Cargo:</div><div>Passengers:</div><div>Special provision:</div></div> <div><div>Limited Quantities: 5 L</div><div>Limited Quantities: 5 L</div><div>Maximum quantity: 220 L</div><div>Maximum quantity: 60 L</div><div>A3</div></div> <div><div>Tunnel restriction code: (D/E)</div><div>Packaging instructions: 366</div><div>Packaging instructions: 355</div></div>										
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:</div> <div>P5c</div>										
<div>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006</div> <table><tr><td>Product</td><td></td></tr><tr><td>Point</td><td>3 - 40</td></tr><tr><td>Contained substance</td><td></td></tr><tr><td>Point</td><td>75</td></tr></table>			Product		Point	3 - 40	Contained substance		Point	75
Product										
Point	3 - 40									
Contained substance										
Point	75									
<div>Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors</div> <div>not applicable</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>Substances subject to authorisation (Annex XIV REACH)</div> <div>None</div>										
<div>Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:</div> <div>None</div>										
<div>Substances subject to the Rotterdam Convention:</div> <div>None</div>										
<div>Substances subject to the Stockholm Convention:</div> <div>None</div>										
<div>Healthcare controls</div> <div>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.</div>										
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:										
<div>Flam. Liq. 3</div> <div>Carc. 2</div> <div>Muta. 2</div> <div>Repr. 2</div> <div>Acute Tox. 4</div> <div>STOT RE 1</div> <div>Asp. Tox. 1</div> <div>Skin Corr. 1B</div> <div>Eye Dam. 1</div> <div>Eye Irrit. 2</div> <div>Skin Irrit. 2</div> <div>STOT SE 3</div> <div>Resp. Sens. 1</div>	<div>Flammable liquid, category 3</div> <div>Carcinogenicity, category 2</div> <div>Germ cell mutagenicity, category 2</div> <div>Reproductive toxicity, category 2</div> <div>Acute toxicity, category 4</div> <div>Specific target organ toxicity - repeated exposure, category 1</div> <div>Aspiration hazard, category 1</div> <div>Skin corrosion, category 1B</div> <div>Serious eye damage, category 1</div> <div>Eye irritation, category 2</div> <div>Skin irritation, category 2</div> <div>Specific target organ toxicity - single exposure, category 3</div> <div>Respiratory sensitization, category 1</div>									
<div>EPY 11.9.0 - SDS 1004.14</div>										

**SECTION 16. Other information ... / >>**

<b>Skin Sens. 1</b>	Skin sensitization, category 1
<b>Skin Sens. 1A</b>	Skin sensitization, category 1A
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment, acute toxicity, category 1
<b>Aquatic Chronic 3</b>	Hazardous to the aquatic environment, chronic toxicity, category 3
<b>H226</b>	Flammable liquid and vapour.
<b>H351</b>	Suspected of causing cancer.
<b>H341</b>	Suspected of causing genetic defects.
<b>H361d</b>	Suspected of damaging the unborn child.
<b>H302</b>	Harmful if swallowed.
<b>H332</b>	Harmful if inhaled.
<b>H372</b>	Causes damage to organs through prolonged or repeated exposure.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H318</b>	Causes serious eye damage.
<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.
<b>H335</b>	May cause respiratory irritation.
<b>H334</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>H317</b>	May cause an allergic skin reaction.
<b>H400</b>	Very toxic to aquatic life.
<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>EUH071</b>	Corrosive to the respiratory tract.

**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
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

**GENERAL BIBLIOGRAPHY**

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament

## SECTION 16. Other information ... / &gt;&gt;

11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707
24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)
25. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
26. Delegated Regulation (UE) 2024/197 (XXI Atp. CLP)
27. Delegated Regulation (UE) 2024/2564 (XXII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

## Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

## CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

## Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 05 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 16.