SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: PROPAM NF VINYL A

Other means of identification:

Not relevant

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

Relevant uses (): Adhesive for construction

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

PROPAMSA SAU
Ctra N-340 Km 1242,3
08620 Sant Vicenç dels Horts - España
Phone: +34 93 680 60 42
constructionsolutions@molins.es
molins.es

1.4 Emergency telephone number: 0034 91 562 04 20

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

This product contains less than 1% of crystalline silica breathable fraction, so it does not require classification based on the provisions of Regulation (EU) 1272/2008 of the European Parliament and of the Council, of December 16, 2008, on classification, labeling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Irrit. 2: Eye irritation, Category 2, H319
Skin Sens. 1: Sensitisation, skin, Category 1, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Warning

Hazard statements:

Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.

Precautionary statements:

P261: Avoid breathing dust
P264: Wash thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplementary information:

Contains 2,2´-ethylenedioxydiethyl dimethacrylate, Methacrylic acid, monoester with propane-1,2-diol, Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-, 2-methylhydroquinone.

UFI: 39CN-0TRV-2G0N-43JH

2.3 Other hazards:

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

- CONTINUED ON NEXT PAGE -

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Not relevant

3.2 Mixture:

Chemical description: Unsaturated polyester resin

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 14808-60-7 EC: 238-878-4 Index: Not relevant REACH: 01-2120770509-45-XXXX	**Quartz (RCS < 1 %)**[1]	Not classified	**75 - <100%**
	Regulation 1272/2008		
CAS: 25013-15-4 EC: 246-562-2 Index: Not relevant REACH: 01-2119622074-50-XXXX	**Vinyltoluene**[2]	Self-classified	**2.5 - <10%**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	
CAS: 109-16-0 EC: 203-652-6 Index: Not relevant REACH: 01-2119969287-21-XXXX	**2,2´-ethylenedioxydiethyl dimethacrylate**[2]	Self-classified	**2.5 - <10%**
	Regulation 1272/2008	Skin Sens. 1: H317 - Warning	
CAS: 27813-02-1 EC: 248-666-3 Index: Not relevant REACH: 01-2119490226-37-XXXX	**Methacrylic acid, monoester with propane-1,2-diol**[2]	Self-classified	**2.5 - <10%**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Sens. 1: H317 - Warning	
CAS: 38668-48-3 EC: 254-075-1 Index: Not relevant REACH: 01-2119980937-17-XXXX	**1,1´-(p-tolylimino)dipropan-2-ol**[2]	Self-classified	**<1%**
	Regulation 1272/2008	Acute Tox. 2: H300; Aquatic Chronic 3: H412; Eye Irrit. 2: H319 - Danger	
CAS: Not relevant EC: 911-490-9 Index: Not relevant REACH: 01-2119979579-10-XXXX	**Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-**[2]	Self-classified	**<1%**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	
CAS: 95-71-6 EC: 202-443-7 Index: Not relevant REACH: 01-2120784410-58-XXXX	**2-methylhydroquinone**[2]	Self-classified	**<1%**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1A: H314; Skin Sens. 1: H317; STOT SE 3: H335 - Danger	
CAS: 106-51-4 EC: 203-405-2 Index: 606-013-00-3 REACH: 01-2119933861-35-XXXX	**p-benzoquinone**[2]	ATP ATP01	**<1%**
	Regulation 1272/2008	Acute Tox. 3: H301+H331; Aquatic Acute 1: H400; Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger	

[1] Main component
[2] Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	M-factor	
p-benzoquinone	Acute	10
CAS: 106-51-4 EC: 203-405-2	Chronic	1

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
1,1´-(p-tolylimino)dipropan-2-ol CAS: 38668-48-3 EC: 254-075-1	LD50 oral	25 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation dust	Not relevant	
p-benzoquinone CAS: 106-51-4 EC: 203-405-2	LD50 oral	130 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation dust	0,5 mg/L	

SECTION 4: FIRST AID MEASURES

- CONTINUED ON NEXT PAGE -

SECTION 4: FIRST AID MEASURES (continued)

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters), seek medical advice with this Safety Data Sheet

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

It is recommended to avoid environmental spillage of both the product and its container.

- CONTINUED ON NEXT PAGE -

SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 ºC

Maximum Temp.: 25 ºC

Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):
There are no applicable occupational exposure limits for the substances contained in the product

DNEL (Workers):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
2,2´-ethylenedioxydiethyl dimethacrylate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 109-16-0	Dermal	Not relevant	Not relevant	13,9 mg/kg	Not relevant
EC: 203-652-6	Inhalation	Not relevant	Not relevant	48,5 mg/m³	Not relevant
Methacrylic acid, monoester with propane-1,2-diol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 27813-02-1	Dermal	Not relevant	Not relevant	4,2 mg/kg	Not relevant
EC: 248-666-3	Inhalation	Not relevant	Not relevant	14,7 mg/m³	Not relevant
1,1´-(p-tolylimino)dipropan-2-ol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 38668-48-3	Dermal	Not relevant	Not relevant	0,7 mg/kg	Not relevant
EC: 254-075-1	Inhalation	Not relevant	Not relevant	2,47 mg/m³	Not relevant

- CONTINUED ON NEXT PAGE -

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2-methylhydroquinone	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 95-71-6	Dermal	Not relevant	Not relevant	0,896 mg/kg	Not relevant
EC: 202-443-7	Inhalation	Not relevant	Not relevant	3,16 mg/m³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2,2´-ethylenedioxydiethyl dimethacrylate	Oral	Not relevant	Not relevant	8,33 mg/kg	Not relevant
CAS: 109-16-0	Dermal	Not relevant	Not relevant	8,33 mg/kg	Not relevant
EC: 203-652-6	Inhalation	Not relevant	Not relevant	14,5 mg/m³	Not relevant
Methacrylic acid, monoester with propane-1,2-diol	Oral	Not relevant	Not relevant	2,5 mg/kg	Not relevant
CAS: 27813-02-1	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
EC: 248-666-3	Inhalation	Not relevant	Not relevant	8,8 mg/m³	Not relevant
1,1´-(p-tolylimino)dipropan-2-ol	Oral	Not relevant	Not relevant	0,25 mg/kg	Not relevant
CAS: 38668-48-3	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 254-075-1	Inhalation	Not relevant	Not relevant	Not relevant	Not relevant
2-methylhydroquinone	Oral	Not relevant	Not relevant	0,32 mg/kg	Not relevant
CAS: 95-71-6	Dermal	Not relevant	Not relevant	0,32 mg/kg	Not relevant
EC: 202-443-7	Inhalation	Not relevant	Not relevant	0,557 mg/m³	Not relevant

PNEC:

Identification				
2,2´-ethylenedioxydiethyl dimethacrylate	STP	1,7 mg/L	Fresh water	0,016 mg/L
CAS: 109-16-0	Soil	0,027 mg/kg	Marine water	0,002 mg/L
EC: 203-652-6	Intermittent	0,016 mg/L	Sediment (Fresh water)	0,185 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,018 mg/kg
Methacrylic acid, monoester with propane-1,2-diol	STP	10 mg/L	Fresh water	0,904 mg/L
CAS: 27813-02-1	Soil	0,727 mg/kg	Marine water	0,904 mg/L
EC: 248-666-3	Intermittent	0,972 mg/L	Sediment (Fresh water)	6,28 mg/kg
	Oral	Not relevant	Sediment (Marine water)	6,28 mg/kg
1,1´-(p-tolylimino)dipropan-2-ol	STP	199,5 mg/L	Fresh water	0,017 mg/L
CAS: 38668-48-3	Soil	0,023 mg/kg	Marine water	0,002 mg/L
EC: 254-075-1	Intermittent	0,17 mg/L	Sediment (Fresh water)	0,163 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,016 mg/kg
2-methylhydroquinone	STP	0,458 mg/L	Fresh water	0,0007 mg/L
CAS: 95-71-6	Soil	0,00354 mg/kg	Marine water	0,0007 mg/L
EC: 202-443-7	Intermittent	0,0035 mg/L	Sediment (Fresh water)	0,00653 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,00653 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,…) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory respiratory tract protection	Filter mask for gases and vapours (Filter type: P2/FFP2)	CE CAT III	EN 405:2002+A1:2010	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

C.- Specific protection for the hands

- CONTINUED ON NEXT PAGE -

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Butyl, Breakthrough time: > 480 min, Thickness: 0.3 mm)	CE CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	CE CAT II	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CE CAT I		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes	CE CAT II	EN ISO 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 ºC:	171 kg/m³ (171 g/L)
Average carbon number:	Not relevant
Average molecular weight:	Not relevant

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 ºC:	Solid
Appearance:	Paste
Colour:	Beige

*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Odour:	Characteristic
Odour threshold:	Not relevant *
Volatility:	
Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20 ºC:	Not relevant *
Vapour pressure at 50 ºC:	Not relevant *
Evaporation rate at 20 ºC:	Not relevant *
Product description:	
Density at 20 ºC:	Not relevant *
Relative density at 20 ºC:	1,66 - 1,68
Dynamic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 40 ºC:	Not relevant *
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 ºC:	Not relevant *
Partition coefficient n-octanol/water 20 ºC:	Not relevant *
Solubility in water at 20 ºC:	Not relevant *
Solubility properties:	Insoluble in water
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	Not relevant *
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	Not relevant *
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Explosive (Solid):	
Lower explosive limit:	Not relevant *
Upper explosive limit:	Not relevant *
Particle characteristics:	
Median equivalent diameter:	Not relevant *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *
Other safety characteristics:	
Surface tension at 20 ºC:	Not relevant *
Refraction index:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

- CONTINUED ON NEXT PAGE -

SECTION 10: STABILITY AND REACTIVITY (continued)

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Causes serious eye irritation.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
  IARC: Vinyltoluene (3: Not classifiable as to its carcinogenicity to humans); p-benzoquinone (3: Not classifiable as to its carcinogenicity to humans)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

- CONTINUED ON NEXT PAGE -

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Vinyltoluene CAS: 25013-15-4 EC: 246-562-2	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
2,2´-ethylenedioxydiethyl dimethacrylate CAS: 109-16-0 EC: 203-652-6	LD50 oral	10837 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Methacrylic acid, monoester with propane-1,2-diol CAS: 27813-02-1 EC: 248-666-3	LD50 oral	11200 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rabbit
	LC50 inhalation vapour		
1,1´-(p-tolylimino)dipropan-2-ol CAS: 38668-48-3 EC: 254-075-1	LD50 oral	25 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation dust		
p-benzoquinone CAS: 106-51-4 EC: 203-405-2	LD50 oral	130 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation dust	0,5 mg/L	
Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]- CAS: Not relevant EC: 911-490-9	LD50 oral	619 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Vinyltoluene	LC50	7,6 mg/L (96 h)	Salmo gairdneri	Fish
CAS: 25013-15-4	EC50	1,3 mg/L (48 h)	Daphnia magna	Crustacean
EC: 246-562-2	EC50	2,6 mg/L (72 h)	Selenastrum capricornutum	Algae

- CONTINUED ON NEXT PAGE -

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
2,2´-ethylenedioxydiethyl dimethacrylate	LC50	16,4 mg/L (96 h)	Danio rerio	Fish
CAS: 109-16-0	EC50	Not relevant		
EC: 203-652-6	EC50	Not relevant		
Methacrylic acid, monoester with propane-1,2-diol	LC50	833 mg/L (96 h)	Scophthalmus maximus	Fish
CAS: 27813-02-1	EC50	210 mg/L (48 h)	Acartia tonsa	Crustacean
EC: 248-666-3	EC50	Not relevant		
1,1´-(p-tolylimino)dipropan-2-ol	LC50	17 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 38668-48-3	EC50	28,8 mg/L (48 h)	Daphnia magna	Crustacean
EC: 254-075-1	EC50	245 mg/L (72 h)	Desmodesmus subspicatus	Algae
Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-	LC50	110 mg/L (96 h)	Cyprinus carpio	Fish
CAS: Not relevant	EC50	48 mg/L (48 h)	Daphnia magna	Crustacean
EC: 911-490-9	EC50	110 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
2-methylhydroquinone	LC50	Not relevant		
CAS: 95-71-6	EC50	0,35 mg/L (48 h)	Daphnia magna	Crustacean
EC: 202-443-7	EC50	2,3 mg/L (72 h)	Desmodesmus subspicatus	Algae
p-benzoquinone	LC50	0,04 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 106-51-4	EC50	Not relevant		
EC: 203-405-2	EC50	Not relevant		

Chronic toxicity:

Identification	Concentration		Species	Genus
Vinyltoluene	NOEC	1,16 mg/L	N/A	Fish
CAS: 25013-15-4 EC: 246-562-2	NOEC	0,32 mg/L	Daphnia magna	Crustacean
2,2´-ethylenedioxydiethyl dimethacrylate	NOEC	Not relevant		
CAS: 109-16-0 EC: 203-652-6	NOEC	32 mg/L	Daphnia magna	Crustacean
Methacrylic acid, monoester with propane-1,2-diol	NOEC	Not relevant		
CAS: 27813-02-1 EC: 248-666-3	NOEC	45,2 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
2,2´-ethylenedioxydiethyl dimethacrylate	BOD5	Not relevant	Concentration	10 mg/L
CAS: 109-16-0	COD	Not relevant	Period	28 days
EC: 203-652-6	BOD5/COD	Not relevant	% Biodegradable	85 %
Methacrylic acid, monoester with propane-1,2-diol	BOD5	Not relevant	Concentration	Not relevant
CAS: 27813-02-1	COD	Not relevant	Period	Not relevant
EC: 248-666-3	BOD5/COD	Not relevant	% Biodegradable	81 %
Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-	BOD5	Not relevant	Concentration	18 mg/L
CAS: Not relevant	COD	Not relevant	Period	28 days
EC: 911-490-9	BOD5/COD	Not relevant	% Biodegradable	1,5 %
2-methylhydroquinone	BOD5	Not relevant	Concentration	Not relevant
CAS: 95-71-6	COD	Not relevant	Period	28 days
EC: 202-443-7	BOD5/COD	Not relevant	% Biodegradable	33 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Vinyltoluene	BCF	5
CAS: 25013-15-4	Pow Log	3.44
EC: 246-562-2	Potential	Low
Methacrylic acid, monoester with propane-1,2-diol	BCF	3
CAS: 27813-02-1	Pow Log	0.97
EC: 248-666-3	Potential	Low

- CONTINUED ON NEXT PAGE -

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-	BCF	
CAS: Not relevant	Pow Log	2.22
EC: 911-490-9	Potential	

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Vinyltoluene	Koc	Not relevant	Henry	Not relevant
CAS: 25013-15-4	Conclusion	Not relevant	Dry soil	Not relevant
EC: 246-562-2	Surface tension	3,2E-2 N/m (20 ºC)	Moist soil	Not relevant
2,2´-ethylenedioxydiethyl dimethacrylate	Koc	78	Henry	9,26E-6 Pa·m³/mol
CAS: 109-16-0	Conclusion	High	Dry soil	Not relevant
EC: 203-652-6	Surface tension	Not relevant	Moist soil	Not relevant
Methacrylic acid, monoester with propane-1,2-diol	Koc	80	Henry	9E-4 Pa·m³/mol
CAS: 27813-02-1	Conclusion	High	Dry soil	Not relevant
EC: 248-666-3	Surface tension	Not relevant	Moist soil	Not relevant
1,1´-(p-tolylimino)dipropan-2-ol	Koc	10	Henry	3,98E-5 Pa·m³/mol
CAS: 38668-48-3	Conclusion	Very High	Dry soil	Not relevant
EC: 254-075-1	Surface tension	Not relevant	Moist soil	Not relevant
2-methylhydroquinone	Koc	57.83	Henry	Not relevant
CAS: 95-71-6	Conclusion	Very High	Dry soil	Not relevant
EC: 202-443-7	Surface tension	Not relevant	Moist soil	Not relevant
p-benzoquinone	Koc	30	Henry	4,79E-4 Pa·m³/mol
CAS: 106-51-4	Conclusion	Very High	Dry soil	Yes
EC: 203-405-2	Surface tension	Not relevant	Moist soil	Yes

Insoluble in water

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP6 Acute Toxicity

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

- CONTINUED ON NEXT PAGE -

SECTION 14: TRANSPORT INFORMATION (continued)

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Seveso III:

Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 2: H300 - Fatal if swallowed.
Acute Tox. 3: H301+H331 - Toxic if swallowed or if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

- CONTINUED ON NEXT PAGE -

SECTION 16: OTHER INFORMATION (continued)

Eye Irrit. 2: Calculation method
Skin Sens. 1: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

Other information:

ENVIRONMENTAL CARE: Please do not dispose of uncured material. If disposing please discard the product mix in the cured state.

- END OF SAFETY DATA SHEET -