

---

## SAFETY DATA SHEET

---

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

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

#### 1.1 Product identifier

**Product identifier** : REP/5LK Hardener  
**Product name** : Hardener for REP/5LK Kit  
**Product type** : Liquid.  
**Other means of identification** : 1250034083  
**Date of issue/ Date of revision** : 19 February 2026  
**Version** : 2  
**Date of previous issue** : 29 January 2026

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

**Identified uses** : Coating component.  
**Uses advised against** : Not for sale to or use by consumers.

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

U-POL NETHERLANDS B.V,  
DE GEER 14,  
4004LT TIEL,  
NETHERLANDS  
+31 20 240 2216  
sds-competence@axalta.com

**e-mail address of person responsible for this SDS** : sds-competence@axalta.com

#### National contact

U-POL LTD,  
DENINGTON ROAD,  
WELLINGBOROUGH,  
NN8 2QH  
+44 (0) 1933 230310  
sds-competence@axalta.com

#### 1.4 Emergency telephone number

##### National advisory body/Poison Centre

**Telephone number** : 010-456 6700 (9:00-17:00);112

##### Supplier

+(44)-870-8200418

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### **Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Flam. Liq. 3, H226

Skin Irrit. 2, H315

Eye Irrit. 2, H319

STOT SE 3, H335

STOT SE 3, H336

STOT RE 2, H373

Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

**Ingredients of unknown toxicity** : 8.5 percent of the mixture consists of component(s) of unknown acute oral toxicity  
8.5 percent of the mixture consists of component(s) of unknown acute dermal toxicity  
8.5 percent of the mixture consists of component(s) of unknown acute inhalation toxicity

**Ingredients of unknown ecotoxicity** : Contains 8.5% of components with unknown hazards to the aquatic environment

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard pictograms** :



**Signal word** : Warning

**Contains** : Reaction mass of ethylbenzene and xylene

**Hazard statements** : H226 - Flammable liquid and vapour.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
H336 - May cause drowsiness or dizziness.  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H412 - Harmful to aquatic life with long lasting effects.

#### **Precautionary statements**

**Prevention** : P280 - Wear protective gloves. Wear eye or face protection.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273 - Avoid release to the environment.  
P260 - Do not breathe vapour.  
P264 - Wash hands thoroughly after handling.

**Response** : P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Supplemental label elements** : EUH208 - Contains Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde, methyl methacrylate, butyl methacrylate and 2-hydroxyethyl acrylate. May produce an allergic reaction.

## SECTION 2: Hazards identification

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

### 2.3 Other hazards

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** : None known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Reaction mass of ethylbenzene and xylene	REACH #: 01-2119539452-40 EC: 905-588-0	≥25 - ≤50	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Dermal] = 1100 mg/kg ATE [Inhalation (vapours)] = 11 mg/l	[1]
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4	≥10 - ≤17	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	-	[1] [2]
ISO AMYLACETATE	REACH #: 01-2119548408-32 EC: 204-662-3 CAS: 123-92-2 Index: 607-130-00-2	≤2.6	Flam. Liq. 3, H226 EUH066	-	[1] [2]
Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde	REACH #: 01-2120771590-53 EC: 279-510-2 CAS: 80584-99-2	<1	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	-	[1]
methyl methacrylate	REACH #: 01-2119452498-28 EC: 201-297-1 CAS: 80-62-6 Index: 607-035-00-6	<1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335	-	[1] [2]

### SECTION 3: Composition/information on ingredients

n-butyl methacrylate	REACH #: 01-2119486394-28 EC: 202-615-1 CAS: 97-88-1	≤0.3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT SE 3, H335	-	[1] [2]
2-hydroxyethyl acrylate	REACH #: 01-2119459345-34 EC: 212-454-9 CAS: 818-61-1 Index: 607-072-00-8	≤0.12	Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 <b>See Section 16 for the full text of the H statements declared above.</b>	ATE [Oral] = 548 mg/kg ATE [Dermal] = 300 mg/kg Skin Sens. 1, H317: C ≥ 0.2% M [Acute] = 1	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

[1] Substance classified with a physical, health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

## SECTION 4: First aid measures

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde, methyl methacrylate, butyl methacrylate, 2-hydroxyethyl acrylate. May produce an allergic reaction.

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

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

See toxicological information (Section 11)

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** : Recommended: alcohol-resistant foam, CO<sub>2</sub>, powders, water spray.

**Unsuitable extinguishing media** : Do not use water jet.

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

**Hazards from the substance or mixture** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

**Hazardous combustion products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

### 5.3 Advice for firefighters

**Special protective actions for fire-fighters** : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

**Special protective equipment for fire-fighters** : Appropriate breathing apparatus may be required.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions** : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

**6.3 Methods and material for containment and cleaning up** : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**7.1 Precautions for safe handling** : Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type. Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or watercourses.

**Information on fire and explosion protection**  
Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

### 7.2 Conditions for safe storage, including any incompatibilities

## SECTION 7: Handling and storage

Store in accordance with local regulations.

### Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

### Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### Seveso Directive - Reporting thresholds

#### Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
P5c	5000 tonnes	50000 tonnes

### 7.3 Specific end use(s)

**Recommendations** : Not available.

**Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

#### Occupational exposure limits

Product/ingredient name	Identifiers	Exposure limit values
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4	<b>Work environment authority Regulation 2018:1 (Sweden, 11/2022) [butyl acetate]</b> TWA 8 hours: 50 ppm. TWA 8 hours: 241 mg/m <sup>3</sup> . STEL 15 minutes: 150 ppm. STEL 15 minutes: 723 mg/m <sup>3</sup> . <b>EU OEL (Europe, 1/2022)</b> STEL 15 minutes: 150 ppm. STEL 15 minutes: 723 mg/m <sup>3</sup> . TWA 8 hours: 241 mg/m <sup>3</sup> . TWA 8 hours: 50 ppm.
ISO AMYLACETATE	REACH #: 01-2119548408-32 EC: 204-662-3 CAS: 123-92-2 Index: 607-130-00-2	<b>Work environment authority Regulation 2018:1 (Sweden, 11/2022) [amylacetate]</b> TWA 8 hours: 50 ppm. TWA 8 hours: 270 mg/m <sup>3</sup> . STEL 15 minutes: 100 ppm. STEL 15 minutes: 540 mg/m <sup>3</sup> . <b>EU OEL (Europe, 1/2022)</b> TWA 8 hours: 50 ppm. TWA 8 hours: 270 mg/m <sup>3</sup> . STEL 15 minutes: 100 ppm. STEL 15 minutes: 540 mg/m <sup>3</sup> .
methyl methacrylate	REACH #: 01-2119452498-28 EC:	<b>Work environment authority Regulation 2018:1 (Sweden, 11/2022) Sensitiser.</b> TWA 8 hours: 50 ppm.

## SECTION 8: Exposure controls/personal protection

n-butyl methacrylate	201-297-1 CAS: 80-62-6 Index: 607-035-00-6	TWA 8 hours: 200 mg/m <sup>3</sup> . STEL 15 minutes: 100 ppm. STEL 15 minutes: 400 mg/m <sup>3</sup> . <b>EU OEL (Europe, 1/2022)</b> TWA 8 hours: 50 ppm. STEL 15 minutes: 100 ppm.
2-hydroxyethyl acrylate	REACH #: 01-2119486394-28 EC: 202-615-1 CAS: 97-88-1	<b>Work environment authority Regulation 2018:1 (Sweden, 11/2022) Sensitiser.</b> TWA 8 hours: 50 ppm. TWA 8 hours: 300 mg/m <sup>3</sup> . STEL 15 minutes: 75 ppm. STEL 15 minutes: 450 mg/m <sup>3</sup> .
	REACH #: 01-2119459345-34 EC: 212-454-9 CAS: 818-61-1 Index: 607-072-00-8	<b>Work environment authority Regulation 2018:1 (Sweden, 11/2022) Absorbed through skin , Sensitiser.</b> TWA 8 hours: 1 ppm. TWA 8 hours: 5 mg/m <sup>3</sup> . STEL 15 minutes: 2 ppm. STEL 15 minutes: 10 mg/m <sup>3</sup> .

### Biological exposure indices

No exposure indices known.

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

#### Product/ingredient name

Reaction mass of ethylbenzene and xylene

#### Result

##### **DNEL - Workers - Long term - Dermal**

212 mg/kg bw/day

Effects: Systemic

##### **DNEL - Workers - Long term - Inhalation**

221 mg/m<sup>3</sup>

Effects: Systemic

n-butyl acetate

##### **DNEL - Workers - Short term - Dermal**

11 mg/kg bw/day

Effects: Systemic

##### **DNEL - General population - Long term - Oral**

2 mg/kg bw/day

Effects: Systemic

##### **DNEL - General population - Short term - Oral**

2 mg/kg bw/day

Effects: Systemic

**SECTION 8: Exposure controls/personal protection****DNEL - General population - Long term - Dermal**

3.4 mg/kg bw/day

Effects: Systemic**DNEL - General population - Short term - Dermal**

6 mg/kg bw/day

Effects: Systemic**DNEL - Workers - Short term - Dermal**

11 mg/kg bw/day

Effects: Systemic**DNEL - General population - Long term - Inhalation**12 mg/m<sup>3</sup>Effects: Systemic**DNEL - General population - Long term - Inhalation**35.7 mg/m<sup>3</sup>Effects: Local**DNEL - General population - Short term - Inhalation**300 mg/m<sup>3</sup>Effects: Local**DNEL - General population - Short term - Inhalation**300 mg/m<sup>3</sup>Effects: Systemic**DNEL - Workers - Long term - Inhalation**300 mg/m<sup>3</sup>Effects: Local**DNEL - Workers - Short term - Inhalation**600 mg/m<sup>3</sup>Effects: Local**DNEL - Workers - Short term - Inhalation**600 mg/m<sup>3</sup>Effects: Systemic**DNEL - Workers - Long term - Inhalation**300 mg/m<sup>3</sup>Effects: Systemic

ISO AMYLACETATE

**DNEL - General population - Long term - Oral**

1.47 mg/kg bw/day

Effects: Systemic**DNEL - General population - Long term - Dermal**

1.47 mg/kg bw/day

Effects: Systemic**DNEL - Workers - Long term - Dermal**

2.95 mg/kg bw/day

Effects: Systemic**DNEL - General population - Long term - Inhalation**

## SECTION 8: Exposure controls/personal protection

	5.1 mg/m <sup>3</sup> <u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b> 20.8 mg/m <sup>3</sup> <u>Effects:</u> Systemic
Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde	<b>DNEL - Workers - Long term - Dermal</b> 0.467 mg/kg bw/day <u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b> 1.64 mg/m <sup>3</sup> <u>Effects:</u> Systemic
methyl methacrylate	<b>DNEL - General population - Short term - Dermal</b> 1.5 mg/cm <sup>2</sup> <u>Effects:</u> Local
	<b>DNEL - General population - Long term - Dermal</b> 1.5 mg/cm <sup>2</sup> <u>Effects:</u> Local
	<b>DNEL - Workers - Short term - Dermal</b> 1.5 mg/cm <sup>2</sup> <u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Dermal</b> 1.5 mg/cm <sup>2</sup> <u>Effects:</u> Local
	<b>DNEL - General population - Long term - Oral</b> 8.2 mg/kg bw/day <u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Dermal</b> 8.2 mg/kg bw/day <u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Dermal</b> 13.67 mg/kg bw/day <u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b> 74.3 mg/m <sup>3</sup> <u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b> 104 mg/m <sup>3</sup> <u>Effects:</u> Local
	<b>DNEL - General population - Short term - Inhalation</b> 208 mg/m <sup>3</sup> <u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Inhalation</b> 208 mg/m <sup>3</sup>

## SECTION 8: Exposure controls/personal protection

	<u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Inhalation</b> 348.4 mg/m <sup>3</sup> <u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Inhalation</b> 416 mg/m <sup>3</sup> <u>Effects:</u> Local
butyl methacrylate	<b>DNEL - General population - Long term - Dermal</b> 3 mg/kg bw/day <u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Dermal</b> 5 mg/kg bw/day <u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b> 66.5 mg/m <sup>3</sup> <u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b> 366.4 mg/m <sup>3</sup> <u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Inhalation</b> 409 mg/m <sup>3</sup> <u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Inhalation</b> 415.9 mg/m <sup>3</sup> <u>Effects:</u> Systemic
2-hydroxyethyl acrylate	<b>DNEL - Workers - Long term - Inhalation</b> 2.4 mg/m <sup>3</sup> <u>Effects:</u> Local

### PNECs

<b>Product/ingredient name</b>	<b>Result</b>
Reaction mass of ethylbenzene and xylene	<b>Fresh water</b> 0.327 mg/l
	<b>Marine water</b> 0.327 mg/l
	<b>Sewage Treatment Plant</b> 6.58 mg/l
	<b>Fresh water sediment</b> 12.46 mg/kg dwt
	<b>Marine water sediment</b> 12.46 mg/kg dwt
	<b>Soil</b>

## SECTION 8: Exposure controls/personal protection

	2.31 mg/kg
n-butyl acetate	<p><b>Soil</b> 0.09 mg/kg</p> <p><b>Fresh water</b> 0.18 mg/l</p> <p><b>Sewage Treatment Plant</b> 35.6 mg/l</p> <p><b>Marine water</b> 0.018 mg/l</p> <p><b>Fresh water sediment</b> 0.981 mg/kg</p> <p><b>Marine water sediment</b> 0.098 mg/kg</p>
ISO AMYLACETATE	<p><b>Fresh water</b> 0.011 mg/l</p> <p><b>Marine water</b> 0.001 mg/l</p> <p><b>Fresh water sediment</b> 0.335 mg/kg</p> <p><b>Marine water sediment</b> 0.034 mg/kg</p> <p><b>Sewage Treatment Plant</b> 30 mg/l</p> <p><b>Soil</b> 0.06 mg/kg dwt</p>
methyl methacrylate	<p><b>Fresh water</b> 0.94 mg/l</p> <p><b>Fresh water sediment</b> 10.2 mg/kg dwt</p> <p><b>Marine water</b> 0.094 mg/l</p> <p><b>Marine water sediment</b> 1.02 mg/kg dwt</p> <p><b>Soil</b> 1.48 mg/kg dwt</p> <p><b>Sewage Treatment Plant</b> 10 mg/l</p>

## SECTION 8: Exposure controls/personal protection

### 8.2 Exposure controls

**Appropriate engineering controls** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

#### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Use safety eyewear designed to protect against splash of liquids.

#### Skin protection

##### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

**Gloves** : Duration / breakthrough time: <1 hour,  
Glove material: NBR, nitrile rubber, material thickness as splash protection: at least 0.2 mm, (EN374)  
Glove material: NBR, nitrile rubber Material thickness for short-term contact: at least 0.5 mm, (EN374)

The recommendation for the type or types of glove to use when handling this product is based on information from the following source:

Expert judgment

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

**Body protection** : Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.  
A management program to ensure safe use including proper fitting, training on handling, duration of use, cleaning and replacement of respirators must be in place.  
Recommended:  
EN 140 filter mask with AXP3 or ABEK2P3 filter according to EN 14387 or pressurized air respirator according to EN 14594.  
Depending on the risk assessment of the workplace, other respirator types might be selected.

Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flattening should be used wherever possible. If

## SECTION 8: Exposure controls/personal protection

exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

**Environmental exposure controls** : Do not allow to enter drains or watercourses.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	: Liquid.
<b>Colour</b>	: Red.
<b>Odour</b>	: Not available.
<b>Odour threshold</b>	: Not available.
<b>Melting point/freezing point</b>	: Technically not possible to measure
<b>Boiling point or initial boiling point and boiling range</b>	: 125 to 142°C
<b>Flammability</b>	: Not available.
<b>Lower and upper explosion limit</b>	: Lower: 1% Upper: 7.5%
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Flash point</b>	: Closed cup: 24.83°C
<b>Auto-ignition temperature</b>	: 379°C
<b>Decomposition temperature</b>	: Not applicable.
<b>pH</b>	: Not applicable.
<b>Justification</b>	: Product is non-soluble (in water).
<b>Viscosity</b>	: Dynamic (room temperature): >122 mPa·s Kinematic (room temperature): >126 mm <sup>2</sup> /s Kinematic (40°C): Not available.

#### **Solubility**

:

Media	Result
cold water	Very slightly soluble

<b>Vapour pressure</b>	0.69 kPa (5.14 mm Hg)
<b>Density</b>	: 0.965 g/cm <sup>3</sup>
<b>Weight volatiles</b>	: 63.4 % (w/w)
<b>VOC content</b>	: 63 % (w/w) (2010/75/EU)

### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

Further information Not available.

#### 9.2.2 Other safety characteristics

**Miscible with water** : No.

Further information Not available.

## SECTION 9: Physical and chemical properties

*room temperature (=20°C)*

## SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.
- 10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
- 10.6 Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## SECTION 11: Toxicological information

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde, methyl methacrylate, butyl methacrylate, 2-hydroxyethyl acrylate. May produce an allergic reaction.

### Acute toxicity

Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene	<b>Rat - Oral - LD50</b> 3523 to 4000 mg/kg
-	<b>Rabbit - Dermal - LD50</b> 121236 mg/kg
-	<b>Rat - Inhalation - LC50 Vapour</b> 6350 to 6700 ppm [4 hours]

**SECTION 11: Toxicological information**

n-butyl acetate	<b>Rat - Oral - LD50</b> 10768 mg/kg <u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity) Lung, Thorax, or Respiration - Other changes Liver - Other changes
-	<b>Rabbit - Dermal - LD50</b> >17600 mg/kg
-	<b>Rat - Inhalation - LC50 Vapour</b> 21.1 mg/l [4 hours]
ISO AMYLACETATE	<b>Rabbit - Dermal - LD50</b> 7400 mg/kg
methyl methacrylate	<b>Rat - Oral - LD50</b> 7872 mg/kg <u>Toxic effects:</u> Behavioral - Muscle weakness Behavioral - Coma Lung, Thorax, or Respiration - Respiratory depression
-	<b>Rabbit - Dermal - LD50</b> >5 g/kg <u>Toxic effects:</u> Skin After systemic exposure - Dermatitis, other
-	<b>Rat - Inhalation - LC50 Vapour</b> 78000 mg/m <sup>3</sup> [4 hours]
n-butyl methacrylate	<b>Rat - Oral - LD50</b> 16 g/kg
-	<b>Rat - Dermal - LD50</b> 17900 mg/kg
-	<b>Rat - Inhalation - LC50 Vapour</b> 29 mg/l [4 hours]
2-hydroxyethyl acrylate	<b>Rat - Oral - LD50</b> 548 mg/kg <u>Toxic effects:</u> Behavioral - Muscle weakness Lung, Thorax, or Respiration - Dyspnea Other - Hair
-	<b>Rat - Dermal - LD50</b> 1001 mg/kg

**Conclusion/Summary [Product]** : Not available.

**Acute toxicity estimates**

## SECTION 11: Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
mixture	N/A	2388.9	N/A	24.1	N/A
Reaction mass of ethylbenzene and xylene	N/A	1100	N/A	11	N/A
n-butyl acetate	10768	N/A	N/A	21.1	N/A
ISO AMYLACETATE	N/A	7400	N/A	N/A	N/A
methyl methacrylate	7872	N/A	N/A	78	N/A
n-butyl methacrylate	16000	17900	N/A	29	N/A
2-hydroxyethyl acrylate	548	300	N/A	N/A	N/A

### Skin corrosion/irritation

#### Product/ingredient name

n-butyl methacrylate

#### Result

**Rabbit - Skin - Mild irritant**

Amount/concentration applied: 500 uL

2-hydroxyethyl acrylate

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 10 mg

-

**Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 500 mg

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

#### Product/ingredient name

Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde

#### Result

**Mouse - skin**

OECD 429

Result: Sensitising

#### Skin

**Conclusion/Summary [Product]** : Not available.

#### Respiratory

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

## SECTION 11: Toxicological information

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Product/ingredient name	Result
<input checked="" type="checkbox"/> Reaction mass of ethylbenzene and xylene	STOT SE 3, H335 (Respiratory tract irritation)
-	STOT SE 3, H336 (Narcotic effects)
n-butyl acetate	STOT SE 3, H336 (Narcotic effects)
methyl methacrylate	STOT SE 3, H335 (Respiratory tract irritation)
n-butyl methacrylate	STOT SE 3, H335 (Respiratory tract irritation)

### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene	STOT RE 2, H373

### Aspiration hazard

Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene	ASPIRATION HAZARD - Category 1

### Information on likely routes of exposure

Not available.

### Potential acute health effects

<b>Eye contact</b>	: Causes serious eye irritation.
<b>Inhalation</b>	: <input checked="" type="checkbox"/> Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
<b>Skin contact</b>	: Causes skin irritation.
<b>Ingestion</b>	: <input checked="" type="checkbox"/> Can cause central nervous system (CNS) depression.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: Adverse symptoms may include the following: pain or irritation watering redness
--------------------	--

## SECTION 11: Toxicological information

**Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness

**Ingestion** : No specific data.

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

#### **Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### **Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### **Potential chronic health effects**

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : May cause damage to organs through prolonged or repeated exposure.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

Not available.

**Conclusion/Summary [Product]** : The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

#### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

There are no data available on the mixture itself.  
Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

Product/ingredient name	Result
-------------------------	--------

## SECTION 12: Ecological information

Reaction mass of ethylbenzene and xylene	<p><b>Acute - LC50</b>  OECD 203  Fish - Trout - <i>Oncorhynchus mykiss</i>  2.6 mg/l [96 hours]</p>
-	<p><b>Acute - LC50</b>  OECD 202  Daphnia - Daphnia - <i>Daphnia magna</i>  1 mg/l [24 hours]</p>
-	<p><b>Acute - EC50</b>  OECD 201  Algae - Algae - <i>Selenastrum capricornutum</i>  2.2 mg/l [73 hours]</p>
-	<p><b>Chronic - NOEC</b>  OECD 301F  Micro-organism - Activated sludge - <i>Activated sludge</i>  16 mg/l [28 days]</p>
n-butyl acetate	<p><b>Acute - LC50 - Marine water</b>  Fish - Inland silverside - <i>Menidia beryllina</i>  185 ppm [96 hours]  <u>Effect:</u> Mortality</p>
ISO AMYLACETATE	<p><b>Acute - LC50</b>  Fish - (<i>Danio rerio</i>)  11.1 mg/l [96 hours]</p>
-	<p><b>Acute - LC50</b>  Daphnia - Daphnia  26.3 mg/l [48 hours]</p>
Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde	<p><b>Acute - EC50</b>  OECD 202  Daphnia - Daphnia  4600 mg/l [48 hours]</p>
-	<p><b>Acute - LC50</b>  OECD 203  Fish - <i>Danio rerio</i>  1000000 mg/l [96 hours]</p>
-	<p><b>EC50 - Fresh water</b>  OECD 201  Algae - Algae  15 mg/l [72 hours]</p>
-	<p><b>Chronic - NOEC</b>  OECD 201  Algae - Algae  12 mg/l [72 hours]</p>
methyl methacrylate	<p><b>Acute - LC50 - Fresh water</b>  Fish - Fathead minnow - <i>Pimephales promelas</i> - Adult  130 mg/l [96 hours]  <u>Effect:</u> Mortality</p>

## SECTION 12: Ecological information

n-butyl methacrylate

### Chronic - NOEC - Fresh water

Daphnia - Water flea - *Daphnia magna* - Neonate

Age: &lt;24 hours

2.6 mg/l [21 days]

Effect: Reproduction

2-hydroxyethyl acrylate

### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas* - Juvenile (Fledgling, Hatchling, Weanling)

Age: 28 to 34 days; Size: 20.9 mm; Weight: 0.134 g

4800 µg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### 12.2 Persistence and degradability

**Product/ingredient name**

2-hydroxyethyl acrylate

**Result**

EU

78% [28 days] - Readily

**Conclusion/Summary [Product]** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde	-	-	Not readily
2-hydroxyethyl acrylate	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Reaction mass of ethylbenzene and xylene	3.16	-	Low
n-butyl acetate	2.3	-	Low
ISO AMYLACETATE	-	28.1	Low
methyl methacrylate	1.38	-	Low
n-butyl methacrylate	2.99	-	Low
2-hydroxyethyl acrylate	-0.17	-	Low

### 12.4 Mobility in soil

**Soil/water partition coefficient**

Product/ingredient name	logK <sub>oc</sub>	K <sub>oc</sub>
n-butyl acetate	1.5	33.2139
methyl methacrylate	1.2	16.6906
n-butyl methacrylate	1.8	70.2421
2-hydroxyethyl acrylate	0.98	9.46777

**Results of PMT and vPvM assessment**

## SECTION 12: Ecological information

Product/ingredient name	PMT	P	M	T	vPvM	vP	vM
Reaction mass of ethylbenzene and xylene	No	No	No	No	No	No	No
n-butyl acetate	No	N/A	Yes	No	N/A	N/A	Yes
ISO AMYLACETATE	No	No	No	No	No	No	No
Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde	No	N/A	N/A	No	N/A	N/A	N/A
methyl methacrylate	No	N/A	Yes	No	N/A	N/A	Yes
n-butyl methacrylate	No	N/A	Yes	No	N/A	N/A	Yes
2-hydroxyethyl acrylate	No	N/A	Yes	No	N/A	N/A	Yes

**Mobility** : Not available.

**Conclusion/Summary** : The product does not meet the criteria to be considered as a PMT or vPvM.

### 12.5 Results of PBT and vPvB assessment

#### Regulation (EC) No. 1907/2006 [REACH]

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Reaction mass of ethylbenzene and xylene	N/A	N/A	N/A	Yes	N/A	N/A	N/A
n-butyl acetate	No	N/A	N/A	No	N/A	N/A	N/A
ISO AMYLACETATE	No	N/A	No	No	No	N/A	No
Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde	No	N/A	N/A	No	N/A	N/A	N/A
methyl methacrylate	No	N/A	N/A	No	N/A	N/A	N/A
n-butyl methacrylate	No	N/A	N/A	No	N/A	N/A	N/A
2-hydroxyethyl acrylate	No	N/A	N/A	No	N/A	N/A	N/A

#### Regulation (EC) No. 1272/2008 [CLP]

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Reaction mass of ethylbenzene and xylene	No	No	No	No	No	No	No
n-butyl acetate	No	N/A	N/A	No	N/A	N/A	N/A
ISO AMYLACETATE	No	No	No	No	No	No	No
Fatty acids, linseed-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde	No	N/A	N/A	No	N/A	N/A	N/A
methyl methacrylate	No	N/A	N/A	No	N/A	N/A	N/A
butyl methacrylate	No	N/A	N/A	No	N/A	N/A	N/A
2-hydroxyethyl acrylate	No	N/A	N/A	No	N/A	N/A	N/A

**Conclusion/Summary** : The product does not meet the criteria to be considered as a PBT or vPvB.

**Regulation (EC) No. 1272/2008 [CLP]**

### 12.6 Endocrine disrupting properties

Not available.

## SECTION 12: Ecological information

**Conclusion/Summary [Product]** : The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
- Hazardous waste** : Yes.
- Disposal considerations** : Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

#### European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

#### Packaging





- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
- Disposal considerations** : Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.

Type of packaging	European waste catalogue (EWC)
CEPE Guidelines	15 01 10* packaging containing residues of or contaminated by hazardous substances

- Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 13: Disposal considerations

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3 	3 	3 	3 
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	No.	Yes.	No.	No.

### Additional information

ADR/RID : **Tunnel code** (D/E)

ADN : The product is only regulated as an environmentally hazardous substance when transported in tank vessels.

Marine pollutant : Not available.

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments : Not applicable.

The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

## SECTION 15: Regulatory information

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

#### EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorisation

##### Annex XIV

None of the components are listed.

##### Substances of very high concern

None of the components are listed.

## SECTION 15: Regulatory information

### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	%	Designation [Usage]
mixture	≥90	3

**Labelling** : Not applicable.

#### Other EU regulations

**Explosive precursors** : Not applicable.

#### Seveso Directive

This product may add to the calculation for determining whether a site is within the scope of the Seveso Directive on major accident hazards.

#### National regulations

**Industrial use** : The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

**Flammable liquid class (SRVFS 2005:10)** : 2a

**15.2 Chemical safety assessment** : No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

**CEPE code** : 1

🔍 Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 B = Bioaccumulative  
 BCF = Bioconcentration Factor  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 IATA = International Air Transport Association  
 IMDG = International Maritime Dangerous Goods  
 IMO = International Maritime Organization  
 M = Mobile  
 N/A = Not available  
 P = Persistent  
 PBT = Persistent, Bioaccumulative and Toxic  
 PMT = Persistent, Mobile and Toxic  
 PNEC = Predicted No Effect Concentration  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 RRN = REACH Registration Number  
 SGG = Segregation Group

## SECTION 16: Other information

T = Toxic  
 vB = Very Bioaccumulative  
 vM = Very Mobile  
 vP = Very Persistent  
 vPvB = Very Persistent and Very Bioaccumulative  
 vPvM = Very Persistent and Very Mobile

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT SE 3, H336 STOT RE 2, H373 Aquatic Chronic 3, H412	On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method

### Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Full text of classifications [CLP/GHS]

Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

## SECTION 16: Other information

**Date of issue/ Date of revision** : 19 February 2026

**Version** : 2

**Date of previous issue** : 29 January 2026

### Notice to reader

This product is intended for industrial use only.

Safety Data Sheet (SDS) content is believed to be accurate as of its issue date, but is subject to change as new information is received by Axalta Coatings Systems, LLC or any of its subsidiaries or affiliates (Axalta). This SDS may incorporate information that has been provided to Axalta by its suppliers. Users should ensure that they are referring to the most current version of the SDS. Users are responsible for following the precautions identified in this SDS. It is the users' responsibility to comply with all laws and regulations applicable to the safe handling, use, and disposal of the product.

Users of Axalta products should read all relevant product information prior to use, and make their own determination as to the suitability of the products for their intended use. Except as otherwise required by applicable law, AXALTA MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The information on this SDS relates only to the specific product identified in Section 1, Identification, and does not relate to its possible use in combination with any other material or in any specific process. If this product is to be used in combination with other products, Axalta encourages you to read and understand the SDS for all products prior to use.

© 2026 Axalta Coating Systems, LLC and all affiliates. All rights reserved. Copies may be made only for those using Axalta Coating Systems products.