

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended

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

### 1.1 Product identifier

**Product name:** DEGADUR® 112

**Chemical name:** Solution of an acrylic polymer in an acrylic acid esters

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

**Identified uses:** binder for floor-coating  
Roller application or brushing  
Hand-mixing with intimate contact and only PPE available  
Wide dispersive indoor use resulting in inclusion into or onto a matrix  
Wide dispersive outdoor use resulting in inclusion into or onto a matrix

**Uses advised against:** Applications where liquid monomer is intended to come into contact with skin or nails.

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

Company Name : Röhm GmbH  
Product Stewardship  
Deutsche-Telekom-Allee 9  
64295 Darmstadt

Telephone : +49 6151 863 7542

E-mail : sds-info@roehm.com

### 1.4 Emergency telephone number:

24-Hour Health Emergency : +49 6241 402 5280 (24h)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

#### Physical Hazards

Flammable liquids Category 2 H225: Highly flammable liquid and vapor.

### Health Hazards

Skin sensitizer	Category 1	H317: May cause an allergic skin reaction.
Skin irritation	Category 2	H315: Causes skin irritation.
Specific Target Organ Toxicity - Single Exposure	Category 3	H335: May cause respiratory irritation.

## 2.2 Label Elements



**Signal Words:** Danger

**Hazard Statement(s):**  
H225: Highly flammable liquid and vapor.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H335: May cause respiratory irritation.

### Precautionary Statements

**Prevention:**  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P280: Wear protective gloves/eye protection/face protection.

**Response:**  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

### Hazardous ingredients which must be listed on the label:

methyl methacrylate  
triethyleneglycol dimethacrylate  
Triisodecylphosphite  
p-Toluidine ethoxylated

## 2.3 Other hazards

The product is normally supplied in a stabilized form. If the permissible storage period and/or storage temperature is exceeded, the product may polymerize with heat evolution. Take precautionary measures against static discharges.

### PBT/vPvB data

PBT: no, vPvB: no

### Endocrine disrupting properties-Toxicity

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

### Endocrine disrupting properties-Ecotoxicity

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

**SECTION 3: Composition/information on ingredients**
**3.2 Mixtures**
**General information:** Solution of an acrylic polymer in an acrylic acid ester

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
methyl methacrylate	50 - <70%	80-62-6	201-297-1	01-2119452498-28;	Aquatic Toxicity (Acute): 1; Aquatic Toxicity (Chronic): 1	#
triethyleneglycol dimethacrylate	5 - <10%	109-16-0	203-652-6	01-2119969287-21;	Aquatic Toxicity (Acute): 1; Aquatic Toxicity (Chronic): 1	
p-Toluidine ethoxylated	0,1 - <1%		911-490-9	01-2119979579-10;	Aquatic Toxicity (Acute): 1; Aquatic Toxicity (Chronic): 1	
N,N-bis-(2-hydroxypropyl)-p-toluidine	0,25 - <1%	38668-48-3	254-075-1	01-2119980937-17;	Aquatic Toxicity (Acute): 1; Aquatic Toxicity (Chronic): 1	
Triisodecylphosphite	0,1 - <1%	25448-25-3	246-998-3	01-2119964066-34;	Aquatic Toxicity (Acute): 1; Aquatic Toxicity (Chronic): 1	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

# This substance has workplace exposure limit(s).

## This substance is listed as SVHC.

**Classification**

Chemical name	Classification	Notes
methyl methacrylate	Classification: Flam. Liq.: 2: H225; Skin Irrit.: 2: H315; Skin Sens.: 1: H317; STOT SE: 3: H335;  Supplemental label information: None known.  Specific concentration limit: None known.  Acute toxicity, oral: LD 50: > 5.000 mg/kg	Note D

	Acute toxicity, inhalation: LC 50: 29,8 mg/l Acute toxicity, dermal: LD 50: > 5.000 mg/kg	
triethyleneglycol dimethacrylate	Classification: Skin Sens.: 1B: H317; Supplemental label information: None known. Specific concentration limit: None known. Acute toxicity, oral: LD 50: > 5.000 mg/kg Acute toxicity, inhalation: None known. Acute toxicity, dermal: LD 50: > 2.000 mg/kg	None.
p-Toluidine ethoxylated	Classification: Acute Tox.: 4: H302; Skin Irrit.: 2: H315; Eye Dam.: 1: H318; Skin Sens.: 1: H317; Aquatic Chronic: 3: H412; Supplemental label information: None known. Specific concentration limit: None known. Acute toxicity, oral: LD 50: 619 mg/kg Acute toxicity, inhalation: None known. Acute toxicity, dermal: LD 50: > 2.000 mg/kg	None.
N,N-bis-(2-hydroxypropyl)-p-toluidine	Classification: Acute Tox.: 2: H300; Eye Irrit.: 2: H319; Aquatic Chronic: 3: H412; Supplemental label information: None known. Specific concentration limit: None known. Acute toxicity, oral: LD 50: 25 mg/kg Acute toxicity, inhalation: None known. Acute toxicity, dermal: LD 50: > 2.000 mg/kg	None.
Triisodecylphosphite	Classification: Skin Sens.: 1: H317; Supplemental label information: None known. Specific concentration limit: None known. Acute toxicity, oral: LD 50: 13.800 mg/kg Acute toxicity, inhalation: LC 50: > 12,6 mg/l Acute toxicity, dermal: None known.	None.

CLP: Regulation No. 1272/2008.  
The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>General information:</b>	Take off all contaminated clothing immediately. Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours.
<b>Inhalation:</b>	Move subject to fresh air and keep him calm. If feeling unwell seek medical advice.
<b>Skin Contact:</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.
<b>Eye contact:</b>	Rinse thoroughly with plenty of water, also under the eyelids. In case of complaints get medical advice.
<b>Ingestion:</b>	Do not induce vomiting. Have the mouth rinsed with water. IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
<b>Personal Protection for First-aid Responders:</b>	First Aid responders should pay attention to self-protection and use the recommended protective clothing

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

<b>Symptoms:</b>	Causes skin and eye irritation. Excessive or prolonged exposure can cause the following: Headache, confusion
<b>Hazards:</b>	May cause sensitization by skin contact.

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

<b>Treatment:</b>	No specific antidote known. Symptomatic treatment.
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### SECTION 5: Firefighting measures

<b>General Fire Hazards:</b>	Vapours are heavier than air and can form an explosive mixture with air. Flammable liquid. Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint. Remove sources of ignition. Also keep emptied containers away from sources of heat and ignition. Keep out unprotected persons. In case of fire, remove the endangered barrels and bring to a safe place, if this can be done safely. Containers exposed to heat (fire) may build up pressure. Cool by splashing with water. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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#### 5.1 Extinguishing media

<b>Suitable extinguishing media:</b>	foam , Carbon dioxide, sprinkler system with water, Dry chemical.
<b>Unsuitable extinguishing media:</b>	High volume water jet

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

May be released in case of fire: carbon monoxide, carbon dioxide, organic products of decomposition. Closed container may rupture if strongly heated. Vapours may form explosive mixtures with air. Combustible air-vapour mixtures are heavier than the air and spread along the floor. Ignition from a considerable distance is possible.

## 5.3 Advice for firefighters

Special fire-fighting procedures:

Keep away from sources of ignition - No smoking. Vapors are heavier than air. Flammable liquid. Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint.

Take action to prevent static discharges. In the event of fire, cool the endangered containers with water. Fire fighting must be carried out from a safe distance.

Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

Assure sufficient ventilation. Use personal protective clothing. Use breathing apparatus if exposed to vapours/dust/mist/aerosol. Keep away from open flames, hot surfaces and sources of ignition. Vapours can form explosive mixtures with air. Keep out unprotected persons. Avoid spark generation.

#### 6.1.1 For non-emergency personnel:

Remove sources of ignition. Stop leak if you can do so without risk. Assure sufficient ventilation.

#### 6.1.2 For emergency responders:

Use water SPRAY only to cool containers! Do not put water on leaked material.

### 6.2 Environmental Precautions:

Prevent product from getting into drains/surface water/groundwater.

### 6.3 Methods and material for containment and cleaning up:

Larger quantities: Remove mechanically (by pumping). Use explosion-proof equipment! Smaller quantities and/or residues: Contain with absorbent material (e.g. sand, diatomaceous earth, acid absorbent, universal absorbent or sawdust). Dispose of in accordance with regulations.

### 6.4 Reference to other sections:

For personal protection see section 8. For disposal considerations see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Technical measures:

Provide good ventilation or extraction.

Local/Total ventilation:

Provide a good standard of general or controlled ventilation (5 to 10 air changes per hour)

Safe handling advice:

Do not breathe vapors. Avoid contact with skin and eyes. Wash hands before breaks and immediately after handling

the product. Safety shower and eye wash fountain should be available. Keep away from sources of ignition - No smoking. Vapors are heavier than air. Flammable liquid. Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint.

Take action to prevent static discharges. In the event of fire, cool the endangered containers with water. Fire fighting must be carried out from a safe distance. When using do not eat, drink or smoke. Avoid inhalation, ingestion and contact with skin and eyes. Provide sufficient ventilation and exhaust at the workplace. Provide good room ventilation even at ground level (vapours are heavier than air). Keep container tightly closed. Open drum carefully as content may be under pressure. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Wash thoroughly after handling. Supervision in place to check that the risk management measures in place are being used correctly and operation conditions followed. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Control staff entry to working area. Training for staff on good practice. Recording of any 'near miss' situations. Regular cleaning of equipment and work area.

**Contact avoidance measures:** see section 8.

## 7.2 Conditions for safe storage, including any incompatibilities

**Safe storage conditions:** Keep away from open flames, hot surfaces and sources of ignition. Keep away from heat. Keep away from direct sunlight. Keep containers tightly closed in a cool, well-ventilated place. Fill the container by approximately 90 % only as oxygen (air) is required for stabilisation. With large storage containers make sure the oxygen (air) supply is sufficient to ensure stability. Keep locked up. Max. storage temperature: 30 °C

**Safe packaging materials:** No data available.

**7.3 Specific end use(s):** Applications; see Section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

Chemical name	Type	Form of exposure	Exposure Limit Values	Source
methyl methacrylate	STEL 15 minutes		100 ppm	Ireland. OELVs, Schedule 1 (Code of Practice for Chemical Agents Regulations), as amended (2018)
	TWA		50 ppm	Ireland. OELVs, Schedule 1 (Code of Practice for Chemical Agents Regulations), as amended (2016)
	TWA		50 ppm	EU. Indicative Occupational Exposure Limit Values in Directives

			91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (02 2017)
	STEL	100 ppm	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (02 2017)

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

### Biological Limit Values

No biological exposure limits noted for the ingredient(s).

### DNEL-Values

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
methyl methacrylate	Workers	Inhalativ	208 mg/m <sup>3</sup>	Long-term - systemic effects
	Workers	Dermal	13,7 mg/kg/d	Long-term - systemic effects
	Workers	Inhalativ	416 mg/m <sup>3</sup>	Short-term exposure
	Workers	Dermal	1,500 µg/cm <sup>2</sup>	Short-term exposure
	Consumers	Inhalativ	74,3 mg/m <sup>3</sup>	Long-term - systemic effects
	Consumers	Dermal	8,2 mg/kg/d	Long-term - systemic effects
	Consumers	Oral	8,2 mg/kg/d	Long-term - systemic effects
	Consumers	Inhalativ	208 mg/m <sup>3</sup>	Short-term exposure
triethyleneglycol dimethacrylate	Workers	Inhalativ	48,5 mg/m <sup>3</sup>	Long-term - systemic effects
	Workers	Dermal	13,9 mg/kg bodyweight/day	Long-term - systemic effects

### PNEC-Values

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
methyl methacrylate	Fresh water	0,94 mg/l	
	freshwater sediment	10,2 mg/kg dry weight	
	marine water	0,094 mg/l	
	marine water sediment	1,02 mg/kg dry weight	
	soil	1,48 mg/kg dry weight	
	sewage treatment plant (STP)	10 mg/l	
	Humans via the environment	8,2 mg/kg bw/day	
triethyleneglycol dimethacrylate	Fresh water	0,016 mg/l	
	marine water	0,0016 mg/l	
	freshwater sediment	0,185 mg/kg (dry weight)	
	Marine sediments	0,0185 mg/kg (dry weight)	
	soil	0,027 mg/kg (dry weight)	
	sewage treatment plant (STP)	1,7 mg/l	

## 8.2 Exposure controls

### Appropriate Engineering Controls:

For monitoring procedures refer for instance to "Empfohlene Analysenverfahren für Arbeitsplatzmessungen", Schriftenreihe der Bundesanstalt für Arbeitsschutz and "NIOSH Manual of Analytical Methods", National Institute for Occupational Safety and Health

### Monitoring methods:

Provide good ventilation or extraction.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection:

tightly fitting goggles

#### Hand Protection:

Material: butyl rubber gloves

Break-through time: 66 min

Glove thickness: 0,33 mm

Guideline: EN 374

Additional Information: Gloves should be replaced regularly, especially after extended contact with the product., For each work-place a suitable glove type has to be selected.

#### Skin and Body Protection:

On handling of larger quantities: face mask, chemical-resistant boots and apron

#### Respiratory Protection:

Breathing apparatus in case of high concentrations if the limit values like TLV are exceeded, when vapours or aerosols occur Respirator with filter for organic vapour short term: filter appliance, filter A

#### Hygiene measures:

Take off all contaminated clothing immediately. Store work clothing separately. Follow the usual good standards of occupational hygiene. Clean skin thoroughly after work; apply skin cream.

#### Environmental Controls:

see section 6.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

##### Physical state:

liquid

##### Form:

liquid

##### Color:

Colorless

##### Odor:

ester-like

##### Odor Threshold:

< 1 ppm

##### Freezing point:

Paraffin Separation < 15°C

##### Boiling Point:

approx. 212 °F/100 °C (1.013 hPa) (estimated)

##### Flammability:

Highly flammable liquid and vapor.

##### Upper/lower limit on flammability or explosive limits

<b>Explosive limit - upper:</b>	(estimated) approx. 12,5 %(V) (methyl methacrylate)
<b>Explosive limit - lower:</b>	(estimated) approx. 2,1 %(V) (methyl methacrylate)
<b>Flash Point:</b>	50 °F/10 °C (DIN 51 755) (methyl methacrylate)
<b>Auto-ignition temperature:</b>	approx. 806 °F/430 °C (estimated) (methyl methacrylate)
<b>Decomposition Temperature:</b>	No decomposition if used as directed.
<b>pH:</b>	7 , 1 % in water
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	approx. 100 mPa.s (73 °F/23 °C)
<b>Kinematic viscosity:</b>	approx. 100 mm <sup>2</sup> /s (73 °F/23 °C)
<b>Flow Time:</b>	not determined
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	approx. 20 g/l (68 °F/20 °C)
<b>Solubility (other):</b>	soluble in ethyl acetate
<b>Dissolution Rate:</b>	no specific test data available
<b>Partition coefficient (n-octanol/water):</b>	approx. 0,7 (estimated) (methyl methacrylate)
<b>Dispersion Stability:</b>	Not applicable
<b>Vapor pressure:</b>	approx. 40 hPa (68 °F/20 °C)
<b>Relative density:</b>	< 1 estimated
<b>Density:</b>	1,00 g/cm <sup>3</sup> (68 °F/20 °C)
<b>Bulk density:</b>	
<b>Relative vapor density:</b>	> 1 68 °F/20 °C

## 9.2 Other information

<b>Autoignition Temperature:</b>	not spontaneously flammable in air at ambient temperature (not pyrophoric)
<b>Evaporation Rate:</b>	3,1 (butyl acetate = 1)

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	polymerisation
<b>10.2 Chemical Stability:</b>	No decomposition if used as directed.
<b>10.3 Possibility of hazardous reactions:</b>	Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.
<b>10.4 Conditions to avoid:</b>	Avoid high temperatures and sources of ignition. Ultraviolet light. The product is normally supplied in a stabilized form. If the permissible storage period and/or storage temperature is exceeded, the product may polymerize with heat evolution.

- 10.5 **Incompatible Materials:** Peroxides, amines, sulfur compounds, heavy metal ions, alkalis, reducing agents and oxidizing agents.
- 10.6 **Hazardous Decomposition Products:** None when used as directed.

## SECTION 11: Toxicological information

**General information:** Properties of components in summary.

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

- Inhalation:** Relevant route of exposure. Information on effects are given below.
- Skin Contact:** Relevant route of exposure. Information on effects are given below.
- Eye contact:** Relevant route of exposure. Information on effects are given below.
- Ingestion:** If handled correctly, not a relevant route of exposure. Information on effects are given below.

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

- Inhalation:** Headache. Dizziness.
- Skin Contact:** Causes skin irritation. May cause allergic skin reaction.
- Eye contact:** May cause temporary eye irritation.
- Ingestion:** If handled correctly, not a relevant route of exposure. Information on effects are given below.

#### Information on likely routes of exposure

##### Acute toxicity (list all possible routes of exposure)

##### Oral

- Product:** ATEmix: > 2.000 mg/kg (Calculation method)
- Components:**
- |                                       |                            |
|---------------------------------------|----------------------------|
| methyl methacrylate                   | LD 50 (Rat): > 5.000 mg/kg |
| triethyleneglycol dimethacrylate      | LD 50 (Rat): > 5.000 mg/kg |
| p-Toluidine ethoxylated               | LD 50 (Rat): 619 mg/kg     |
| N,N-bis-(2-hydroxypropyl)-p-toluidine | LD 50 (Rat): 25 mg/kg      |
| Triisodecylphosphite                  | LD 50 (Rat): 13.800 mg/kg  |

##### Dermal

- Product:** ATEmix: > 5.000 mg/kg (Calculation method)
- Components:**
- |                                  |                               |
|----------------------------------|-------------------------------|
| methyl methacrylate              | LD 50 (Rabbit): > 5.000 mg/kg |
| triethyleneglycol dimethacrylate | LD 50 (Mouse): > 2.000 mg/kg  |

p-Toluidine ethoxylated	LD 50 (Rat): > 2.000 mg/kg (limit test), No deaths observed., Not classified for acute toxicity based on available data.
N,N-bis-(2-hydroxypropyl)-p-toluidine Triisodecylphosphite	LD 50 (Rat): > 2.000 mg/kg Not classified based on available information.

### Inhalation

**Product:** Not classified for acute toxicity based on available data.

**Components:**

methyl methacrylate	LC 50 (Rat, 4 h): 29,8 mg/l low toxicity after single exposure; Vapour Not toxic after single exposure; Dust and mist, Not applicable
triethyleneglycol dimethacrylate	Not toxic after single exposure; Vapour Not toxic after single exposure; Dust and mist, Not classified for acute toxicity based on available data.
p-Toluidine ethoxylated	Not toxic after single exposure; Vapour Not toxic after single exposure; Dust and mist, Not classified for acute toxicity based on available data.
N,N-bis-(2-hydroxypropyl)-p-toluidine	Not toxic after single exposure; The substance or mixture has no acute inhalation toxicity, Dust and mist Not toxic after single exposure; The substance or mixture has no acute inhalation toxicity, Vapour
Triisodecylphosphite	LC 50 (Rat, 1 h): > 12,6 mg/l Dust/Mist; Not toxic after single exposure; Not classified based on available information., Dust and mist Not toxic after single exposure; Not classified based on available information., Vapour

### Repeated dose toxicity

**Product:** No toxicological tests have been conducted with the product itself.

**Components:**

methyl methacrylate	NOAEL (Rat, Inhalativ, 2 years): 25 ppm Findings: Damage to mucous membranes in the nose at 400 ppm NOAEL (Rat, Oral, 2 years): 2000 ppm Findings: no toxic effects
triethyleneglycol dimethacrylate	NOAEL (Rat, Oral): 1.000 mg/kg
p-Toluidine ethoxylated	NOAEL (Rat, Oral): 200 mg/kg literature NOAEL (Rat, Oral): 100 mg/kg Subacute toxicity
N,N-bis-(2-hydroxypropyl)-p-toluidine	No data available.
Triisodecylphosphite	No data available.

### Skin Corrosion/Irritation

**Product:** May cause skin irritation.

**Components:**

methyl methacrylate	(Rabbit): non-irritant , 4 h (Human): Irritating.
triethyleneglycol dimethacrylate	FDA 1959 Draize, occlusive (Rabbit): Not irritating , 24 h
p-Toluidine ethoxylated	OECD Test Guideline 439 (Human, in vitro reconstituted epidermis model): Irritating.
N,N-bis-(2-hydroxypropyl)-p-toluidine	OECD 404 (Rabbit): Not irritating
Triisodecylphosphite	EPA OPP 81-5 Not irritating

### Serious Eye Damage/Eye Irritation

**Product:** , Based on available data, the classification criteria are not met.

**Components:**

methyl methacrylate	Not irritating OECD 405, FDA 1959 Draize , Rabbit:
triethyleneglycol dimethacrylate	Not irritating OECD Test Guideline 405 , Rabbit:
p-Toluidine ethoxylated	Risk of serious damage to eyes. OECD Guide-line 405 , Rabbit:

N,N-bis-(2-hydroxypropyl)-p-toluidine  
Triisodecylphosphite

Moderately irritating OECD Test Guideline 405 , Rabbit:  
Not irritating EPA OPP 81-4 ,

### Respiratory or Skin Sensitization

**Product:** May cause an allergic skin reaction.

**Components:**

methyl methacrylate	Local Lymph Node Assay (LLNA), LLNA (OECD 429) (Mouse): May cause sensitization by skin contact. Cases of sensitisation also observed in humans. Not classified for respiratory sensitization
triethyleneglycol dimethacrylate	Local Lymph Node Assay (LLNA), OECD 429 (Mouse): Skin sensitizer Not classified for respiratory sensitization
p-Toluidine ethoxylated	Local Lymph Node Assay (LLNA), OECD Test Guideline 429 (Mouse): May cause sensitization by skin contact. Not classified for respiratory sensitization
N,N-bis-(2-hydroxypropyl)-p-toluidine	in vivo, OECD 406 (Guinea Pig): Not a skin sensitizer. Not classified for respiratory sensitization
Triisodecylphosphite	in vivo, OECD Test Guideline 429 (Local Lymph Node Assay) (Mouse): May cause sensitization by skin contact. Not classified for respiratory sensitization

### Carcinogenicity

**Product:** Contains no ingredient listed as a carcinogen (>0.1%).

**Components:**

methyl methacrylate	Not classified Non-carcinogenic in inhalation and feeding studies carried out on rats, mice and dogs.
triethyleneglycol dimethacrylate	Not classified
p-Toluidine ethoxylated	Not classified
N,N-bis-(2-hydroxypropyl)-p-toluidine	Not classified
Triisodecylphosphite	Not classified

### Germ Cell Mutagenicity

Contains no ingredient listed as a mutagen (>0.1%).

### In vitro

**Product:** No toxicological tests have been conducted with the product itself.;

**Components:**

methyl methacrylate	gene mutation (OECD 471): negative gene mutation (OECD 476): negative , Chinese hamster lung fibroblasts (V79)
triethyleneglycol dimethacrylate	Micronucleus test (OECD 487): negative , human lymphocytes gene mutation (OECD 471): negative gene mutation (OECD 476): negative , Chinese hamster lung fibroblasts (V79)
p-Toluidine ethoxylated	Chromosomal aberration (OECD 473): negative CHO-cells gene mutation test (OECD Test Guideline 476): positive Chromosomal aberration (OECD Test Guideline 473): negative Not classified based on available information.
N,N-bis-(2-hydroxypropyl)-p-toluidine	Bacterial reverse mutation assay (OECD TG 471): negative
Triisodecylphosphite	Bacterial reverse mutation assay (OECD 471): negative

### In vivo

**Product:** No toxicological tests have been conducted with the product itself.

**Components:**

methyl methacrylate	gene mutation (Dominant lethal test) Inhalativ (Mouse): negative
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triethyleneglycol dimethacrylate	Based on available data, the classification criteria are not met.
p-Toluidine ethoxylated N,N-bis-(2-hydroxypropyl)-p-toluidine	in vivo assay (OECD Test Guideline 489) Oral (Rat, male): negative Ames test: negative
Triisodecylphosphite	Micronucleus test (OECD Test Guideline 474): negative

### Reproductive toxicity

<b>Product:</b>	Contains no ingredient listed as toxic to reproduction (>0.1%).
<b>Components:</b>	
methyl methacrylate	Not classified No indications of toxic effects were observed in reproduction studies in animals. OECD 414 OECD 416 Oral
triethyleneglycol dimethacrylate	Not classified Oral: drinking water
p-Toluidine ethoxylated	Not classified
N,N-bis-(2-hydroxypropyl)-p-toluidine	Not classified
Triisodecylphosphite	Not classified

### Specific Target Organ Toxicity - Single Exposure

<b>Product:</b>	May cause respiratory irritation.
<b>Components:</b>	
methyl methacrylate	Inhalation - vapor: Category 3 with respiratory tract irritation.
triethyleneglycol dimethacrylate	Not classified
p-Toluidine ethoxylated	Not classified
N,N-bis-(2-hydroxypropyl)-p-toluidine	Not classified
Triisodecylphosphite	Not classified

### Specific Target Organ Toxicity - Repeated Exposure

<b>Product:</b>	Based on available data, the classification criteria are not met.
<b>Components:</b>	
methyl methacrylate	Not classified
triethyleneglycol dimethacrylate	Not classified
p-Toluidine ethoxylated	Not classified
N,N-bis-(2-hydroxypropyl)-p-toluidine	Not classified
Triisodecylphosphite	Not classified

### Aspiration Hazard

<b>Product:</b>	Not applicable
<b>Components:</b>	
methyl methacrylate	Not classified
triethyleneglycol dimethacrylate	Not classified
p-Toluidine ethoxylated	Not classified
N,N-bis-(2-hydroxypropyl)-p-toluidine	Not classified
Triisodecylphosphite	Not classified

## 11.2 Information on other hazards

### Endocrine disrupting properties

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

methyl methacrylate	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;
triethyleneglycol dimethacrylate	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;
p-Toluidine ethoxylated	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;
N,N-bis-(2-hydroxypropyl)-p-toluidine	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;
Triisodecylphosphite	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;

#### Other information

##### Product:

Symptoms of poisoning may occur many hours after contact. There are no toxicological data available for the product as such. Avoid contact with the skin and eyes and inhalation of the product vapours.;

## SECTION 12: Ecological information

### 12.1 Toxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.  
**Components:**

methyl methacrylate	LC 50 (96 h): > 100 mg/l Expert judgement
triethyleneglycol dimethacrylate	LC 50 (Danio rerio (zebra fish), 96 h): 16,4 mg/l
p-Toluidine ethoxylated	LC 50 (Cyprinus carpio, 96 h): > 100 mg/l
N,N-bis-(2-hydroxypropyl)-p-toluidine	LC 50 (Danio rerio (zebra fish), 96 h): 17 mg/l
Triisodecylphosphite	No data available.

##### Aquatic Invertebrates

**Product:** No data available.

##### Components:

methyl methacrylate	EC 50 (Daphnia magna (Water flea), 48 h): 69 mg/l
triethyleneglycol dimethacrylate	No data available.
p-Toluidine ethoxylated	EC 50 (Daphnia magna, 48 h): 48 mg/l
N,N-bis-(2-hydroxypropyl)-p-toluidine	EC 50 (Daphnia magna (Water flea), 48 h): 28,8 mg/l

Triisodecylphosphite No data available.

### Toxicity to Aquatic Plants

**Product:** No data available.

**Components:**

methyl methacrylate EC 50 (Selenastrum capricornutum (green algae), 72 h): > 100 mg/l (OECD 201)

triethyleneglycol EC 50 (Pseudokirchneriella subcapitata (green algae), 72 h): > 100 mg/l (OECD TG 201)

dimethacrylate

p-Toluidine ethoxylated EC 50 (Pseudokirchneriella subcapitata (green algae), 72 h): > 100 mg/l (OECD TG 201)

N,N-bis-(2-hydroxypropyl)-p-toluidine EC 50 (Desmodesmus subspicatus (green algae), 72 h): 245 mg/l (OECD TG 201)

Triisodecylphosphite No data available.

### Toxicity to microorganisms

**Product:** No data available.

**Components:**

methyl methacrylate EC3 (Pseudomonas putida, 16 h): 100 mg/l (cell proliferation inhibition test, Bringmann-Kühn)

triethyleneglycol No data available.

dimethacrylate

p-Toluidine ethoxylated EC 50 (Activated sludge, 3 h): > 1.000 mg/l

N,N-bis-(2-hydroxypropyl)-p-toluidine EC10 (30 min): > 1.995 mg/l (OECD Test Guideline 209)

Triisodecylphosphite No data available.

### Chronic hazards to the aquatic environment:

#### Fish

**Product:** No data available.

**Components:**

methyl methacrylate NOEC (Danio rerio (zebra fish)): 9,4 mg/l (OECD 210)

triethyleneglycol No data available.

dimethacrylate

p-Toluidine ethoxylated No data available.

N,N-bis-(2-hydroxypropyl)-p-toluidine No data available.

Triisodecylphosphite No data available.

#### Aquatic Invertebrates

**Product:** No data available.

**Components:**

methyl methacrylate NOEC (Daphnia magna (Water flea), 21 d): 37 mg/l (OECD 202 part 2)

triethyleneglycol NOEC (Daphnia magna (Water flea), 21 d): 32 mg/l (OECD Test Guideline 211)

dimethacrylate

p-Toluidine ethoxylated No data available.

N,N-bis-(2-hydroxypropyl)-p-toluidine No data available.

Triisodecylphosphite No data available.

### Toxicity to Aquatic Plants

**Product:** No data available.

**Components:**

methyl methacrylate NOEC (Selenastrum capricornutum (green algae), 72 h): > 110 mg/l (OECD 201)

triethyleneglycol NOEC (Pseudokirchneriella subcapitata (green algae), 72 h): 18,6 mg/l

dimethacrylate	(OECD TG 201)
p-Toluidine ethoxylated	No data available.
N,N-bis-(2-hydroxypropyl)-p-toluidine	No data available.
Triisodecylphosphite	No data available.

### Toxicity to microorganisms

<b>Product:</b>	No data available.
<b>Components:</b>	
methyl methacrylate	EC3 (Pseudomonas putida, 16 h): 100 mg/l (cell proliferation inhibition test, Bringmann-Kühn)
triethyleneglycol dimethacrylate	No data available.
p-Toluidine ethoxylated	EC 50 (Activated sludge, 3 h): > 1.000 mg/l
N,N-bis-(2-hydroxypropyl)-p-toluidine	EC10 (30 min): > 1.995 mg/l (OECD Test Guideline 209)
Triisodecylphosphite	No data available.

## 12.2 Persistence and Degradability

### Biodegradation

<b>Product:</b>	(monomer constituent) (analogy), The product is biodegradable.
<b>Components:</b>	
methyl methacrylate	94 % (14 d, OECD 301 C), easily biodegradable
triethyleneglycol dimethacrylate	85 % (28 d), Readily biodegradable
p-Toluidine ethoxylated	No data available.
N,N-bis-(2-hydroxypropyl)-p-toluidine	39 % (28 d, OECD TG 301 B), Inherently biodegradable
Triisodecylphosphite	No data available.

### BOD/COD Ratio

<b>Product:</b>	No data available.
<b>Components:</b>	
methyl methacrylate	No data available.
triethyleneglycol dimethacrylate	No data available.
p-Toluidine ethoxylated	No data available.
N,N-bis-(2-hydroxypropyl)-p-toluidine	No data available.
Triisodecylphosphite	No data available.

## 12.3 Bioaccumulative potential

### Bioconcentration Factor (BCF)

<b>Product:</b>	no evidence for hazardous properties
<b>Components:</b>	
methyl methacrylate	Accumulation in organisms is not expected due to the coefficient of distribution of n-octanol in water (log Pow).
triethyleneglycol dimethacrylate	Accumulation in organisms is not expected due to the coefficient of distribution of n-octanol in water (log Pow).
p-Toluidine ethoxylated	No data available.
N,N-bis-(2-hydroxypropyl)-p-toluidine	No data available.
Triisodecylphosphite	No data available.

### Partition Coefficient n-octanol / water (log Kow)

<b>Product:</b>	Log Kow: approx. 0,7 (estimated) (methyl methacrylate)
<b>Components:</b>	
methyl methacrylate	Log Kow: 1,38 20 °C (Measured)
triethyleneglycol dimethacrylate	Log Kow: 2,3 20 °C (OECD Test Guideline 117)
p-Toluidine ethoxylated	Log Kow: 2,17 (OECD 117)
N,N-bis-(2-hydroxypropyl)-p-toluidine	Log Kow: 2,1 (OECD Test Guideline 107)
Triisodecylphosphite	No data available.

### 12.4 Mobility in soil:

<b>Product</b>	no specific test data available
<b>Components:</b>	
methyl methacrylate	Binding to the solid soil phase, sediment or clarification sludge is not expected. The substance evaporates gradually into the atmosphere from the surface of the water. If the substance does get into the environment, it tends to remain in the compartment it was discharged into.
triethyleneglycol dimethacrylate	No data available.
p-Toluidine ethoxylated	No data available.
N,N-bis-(2-hydroxypropyl)-p-toluidine	No data available.
Triisodecylphosphite	No data available.

### 12.5 Results of PBT and vPvB assessment:

<b>Product</b>	PBT: no vPvB: no
<b>Components:</b>	
methyl methacrylate	Non-classified vPvB substance Non-classified PBT substance
triethyleneglycol dimethacrylate	Non-classified vPvB substance Non-classified PBT substance
p-Toluidine ethoxylated	Non-classified vPvB substance Non-classified PBT substance
N,N-bis-(2-hydroxypropyl)-p-toluidine	Non-classified vPvB substance Non-classified PBT substance
Triisodecylphosphite	Non-classified PBT substance Non-classified vPvB substance

### 12.6 Endocrine disrupting properties:

<b>Product:</b>	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<b>Components:</b>	
methyl methacrylate	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
triethyleneglycol dimethacrylate	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

p-Toluidine ethoxylated	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
N,N-bis-(2-hydroxypropyl)-p-toluidine	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Triisodecylphosphite	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects:

### Other hazards

**Product:** Prevent substance from entering soil, natural bodies of water and sewer systems.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

<b>General information:</b>	This material and/or its container must be disposed of as hazardous waste.
<b>Disposal methods:</b>	Waste is hazardous. It must be disposed of in accordance with the regulations after consultation of the competent local authorities and the disposal company in a suitable and licensed facility.
<b>Contaminated Packaging:</b>	Contaminated packages must be emptied as good as possible. They may then be recycled after proper cleaning. Packages that cannot be cleaned must be disposed of in the same way as the substance. Uncontaminated packaging may be taken for recycling.

## SECTION 14: Transport information

### 14.1 UN number

<b>ADR</b>	: UN 1866
<b>RID</b>	: UN 1866
<b>IMDG</b>	: UN 1866
<b>IATA</b>	: UN 1866

### 14.2 UN proper shipping name

<b>ADR</b>	: RESIN SOLUTION, STABILIZED
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**RID** : RESIN SOLUTION, STABILIZED

**IMDG** : RESIN SOLUTION, STABILIZED

**IATA** : Resin solution, stabilized

**14.3 Transport hazard class(es)**

**ADR** : 3

**RID** : 3

**IMDG** : 3

**IATA** : 3

**14.4 Packing group**

**ADR**

Packing group : II

Classification Code : F1

Hazard Identification Number : 33

Labels : 3

Remarks : Special provision 640D, observe §35 GGVSEB

**RID**

Packing group : II

Classification Code : F1

Hazard Identification Number : 33

Labels : 3

Remarks : Special provision 640D

**IMDG**

Packing group : II

Labels : 3

EmS Code : F-E, S-E  
Remarks : FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity-Regulation!

**IATA (Cargo aircraft only)**

Packing instruction (cargo aircraft) : 364  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : 3  
Remarks : FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity-Regulation!

**IATA (Passenger and cargo aircraft)**

Packing instruction (passenger aircraft) : 353  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : 3  
Remarks : FOR USA ONLY: When shipping in, by or via USA note of the Reportable Quantity-Regulation!

**14.5 Environmental hazards****ADR**

Environmentally hazardous : no

**RID**

Environmentally hazardous : no

**IMDG**

Marine pollutant : no

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

### SECTION 15: Regulatory information

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

##### EU Regulations

**Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances:** None present or none present in regulated quantities.

**EU. REACH Annex XIV, Substances Subject to Authorization:** None present or none present in regulated quantities.

**EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended:** None present or none present in regulated quantities.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended:** None present or none present in regulated quantities.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended:** None present or none present in regulated quantities.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended:** None present or none present in regulated quantities.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended:** None present or none present in regulated quantities.

**EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):** None present or none present in regulated quantities.

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:**

Chemical name	CAS-No.
methyl methacrylate	80-62-6

**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:** None present or none present in regulated quantities.

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:** None present or none present in regulated quantities.

**EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:**

Classification	Lower-tier Requirements	Upper-tier Requirements
P5c. Flammable liquids	5.000 t	50.000 t
ATTENTION: Classification into hazard category P5c is a minimum classification. Only the		

operator may estimate if the product is covered by hazard category P5a or P5c. For P5a and P5b different qualifying quantities are valid.		
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**EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:**  
None present or none present in regulated quantities.

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:**

Chemical name	CAS-No.	Concentration
methyl methacrylate	80-62-6	50 - <70%

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

#### International regulations

##### Montreal protocol

Not applicable

##### Stockholm convention

Not applicable

##### Rotterdam convention

Not applicable

##### Kyoto protocol

Not applicable

Not applicable

## SECTION 16: Other information

#### Abbreviations and acronyms:

ECTLV:	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended
IR_OEL:	Ireland. OELVs, Schedule 1 (Code of Practice for Chemical Agents Regulations), as amended
ECTLV / STEL:	Short Term Exposure Limit (STEL):
ECTLV / TWA:	Time Weighted Average (TWA):
IR_OEL / STEL:	Short Term Exposure Limit (STEL):
IR_OEL / TWA:	Time Weighted Average (TWA):

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime

Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Notes:**

methyl methacrylate	Note D	Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.
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**Key literature references and sources for data:** No data available.

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

Classification according to Regulation (EC) No 1272/2008 as amended.	Classification procedure
Flammable liquids, Category 2	Bridging principles
Skin sensitizer, Category 1	Calculation method
Skin irritation, Category 2	Calculation method
Specific Target Organ Toxicity - Single Exposure, Category 3	Calculation method

**Wording of the statements in section 2 and 3**

H225	Highly flammable liquid and vapor.
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

**Training information:** No data available.

**Other information:** The product is normally supplied in a stabilized form. If the permissible

storage period and/or storage temperature is exceeded, the product may polymerize with heat evolution.

**Disclaimer:**

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.