

## SAFETY DATA SHEET

Safety Data Sheet according to regulation (EC) No 1907/2006 & 1272/2008 and amendments

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

#### 1.1 PRODUCT IDENTIFIER **EBECRYL® 249 RADIATION CURING RESINS**

**Product Description:** Aliphatic urethane methacrylate resin

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**Intended/Recommended Use:** Coatings

**Uses advised against:** -

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Company:** Allnex Belgium SA/NV, Anderlechtstraat, 33, 1620 Drogenbos, BE.

**For Product and all Non-Emergency Information call** your local Allnex contact point or contact us at <http://www.allnex.com/contact>

**Local Contact Information:** Allnex Belgium SA/NV, Anderlechtstraat, 33, 1620 Drogenbos, BE  
Telephone no.: +32 (0) 2-3345111

#### 1.4 EMERGENCY TELEPHONE NUMBER

**EMERGENCY TELEPHONE NUMBER (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:**

**Europe**

+44 (0) 1235 239 670 (Carechem 24)

**Middle East, Africa**

+44 (0) 1235 239 671 (Carechem 24)

See Section 16 for Emergency phone numbers for other regions.

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### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**Classification according to Regulation (EC) No 1272/2008 and amendments**

Skin Corrosion / Irritation Hazard Category 2

Serious Eye Damage / Eye Irritation Hazard Category 2

Aquatic Environment Long-term Hazard Category 2

## 2.2 LABEL ELEMENTS



### Signal Word

Warning

### Hazard Statements

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

### Precautionary Statements

Precautionary statements on the label will be reduced as indicated in Regulation (EC) No 1272/2008, Article 28.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P273 - Avoid release to the environment.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P321 - Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

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

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P391 - Collect spillage.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

## 2.3 OTHER HAZARDS

Contact with skin may cause a cross-allergic reaction in persons already sensitized to acrylates.

Polymerisation may occur from excessive heat, contamination or exposure to direct sunlight.

## RESULTS OF PBT AND vPvB ASSESSMENT

Not determined

## ENDOCRINE DISRUPTOR INFORMATION

### Endocrine disrupting - health:

Not applicable

### Endocrine disrupting - environment:

Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance, Mixture or Article? Mixture

### 3.2 MIXTURES

Component / CAS No.	%	EC-No	REACH Registration Number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	EU - CLP EUH Codes

Tirmethylolpropane trimethacrylate esters 3290-92-4	24 - 26	221-950-4	01-2119542176-41	Aquatic Chronic 2 (H411)	
Methacrylic Acid 79-41-4	< 0.4	201-204-4	01-2119463884-26	Acute Tox. 4 (H302) Acute Tox. 3 (H311) Acute Tox. 4 (H332) STOT Single 3 (H335) Skin Corr. 1A (H314) Eye Dam. 1 (H318)	
Polyurethane acrylate	74 - 76		Not available	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	

Component / CAS No.	REACH SVHC	M-Factor	CLP Specific Concentration Limits	CLP Acute Toxicity Estimates (ATEs)
Methacrylic Acid 79-41-4			STOT SE 3 H335 C>=1%	

See Section 16 for full text of H phrases.

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## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

#### Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Obtain medical advice if there are persistent symptoms.

#### Skin Contact:

Remove contaminated clothing and shoes without delay. Wash immediately with plenty of water. Do not reuse contaminated clothing without laundering. Get medical attention if pain or irritation persists after washing or if signs and symptoms of overexposure appear.

#### Ingestion:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

#### Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

None known.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not applicable.

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

#### Suitable Extinguishing Media:

Use water spray or fog, carbon dioxide or dry chemical.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Keep containers cool by spraying with water if exposed to fire.

### 5.3 ADVICE FOR FIREFIGHTERS

**Protective Equipment:**

Firefighters, and others exposed, wear self-contained breathing apparatus. Wear full firefighting protective clothing. See SDS Section 8 (Exposure Controls/Personal Protection).

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Where exposure level is not known, wear approved, positive pressure, self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. In addition to the protective clothing/equipment in Section 8 (Exposure Controls/Personal Protection), wear impermeable boots.

### 6.2 ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Cover spills with some inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water.

### 6.4 REFERENCE TO OTHER SECTIONS

See Sections 7, 8 and 13 for additional information.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Precautions:** Avoid release to the environment. Wash hands thoroughly after handling. Wear protective gloves and eye/face protection.

**Special Handling Statements:** Avoid excessive heat, contamination or exposure to direct sunlight to prevent polymerization.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool, dry, well ventilated place and keep container tightly closed. Keep away from heat sources and direct sunlight.

**Storage Temperature:** Store at 4 - 40 °C

**Reason:** Quality.

**Storage Class (TRGS 510):** 10

### 7.3 SPECIFIC END USE(S)

Refer to Section 1 or Exposure Scenario if applicable.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

**79-41-4 Methacrylic Acid**

United Kingdom: WEL (Workplace Exposure Limits)	20 ppm (TWA)
	72 mg/m <sup>3</sup> (TWA)
	40 ppm (STEL)
	143 mg/m <sup>3</sup> (STEL)
Europe ILV (Indicative Limit Values):	Not established
Other Value:	Not established

**Biological Exposure Limit(s)**

No values have been established.

**Derived No Effect Level (DNEL):****Tirmethylolpropane trimethacrylate esters (3290-92-4)**

Use	Route	DNEL	Units	Effects Type
Worker	inhalation	14.81	mg/m <sup>3</sup>	Long term, systemic
Worker	Dermal	42	mg/kg/day	Long term, systemic
Worker	Dermal	9.33	mg/cm <sup>2</sup>	Long term, local

**Methacrylic Acid (79-41-4)**

Use	Route	DNEL	Units	Effects Type
Worker	inhalation	88	mg/m <sup>3</sup>	Long term, local
Worker	inhalation	29.6	mg/m <sup>3</sup>	Long term, systemic
Worker	Dermal	4.25	mg/kg/day	Long term, systemic
Worker	Dermal	1	mg/kg/day	Short term, local
General Population	inhalation	6.55	mg/m <sup>3</sup>	Long term, local
General Population	inhalation	6.3	mg/m <sup>3</sup>	Long term, systemic
General Population	Dermal	2.55	mg/kg/day	Long term, systemic
General Population	Dermal	1	mg/kg/day	Short term, local

**Predicted No Effect Concentration (PNEC):****Tirmethylolpropane trimethacrylate esters (3290-92-4)**

Compartment	PNEC	Units
Fresh water	2.76	ug/L
Marine water	0.276	ug/L
Sewage treatment plant	10	mg/l
Sediment (fresh water)	0.495	mg/kg
Sediment (marine water)	0.05	mg/kg
Soil	0.097	mg/kg

**Methacrylic Acid (79-41-4)**

Compartment	PNEC	Units
Fresh water	0.82	mg/l
Marine water	0.82	mg/l
Sewage treatment plant	10	mg/l
Soil	1.2	mg/kg

**8.2 EXPOSURE CONTROLS****Engineering Measures:**

Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure.

**Respiratory Protection:**

For operations where inhalation exposure can occur use an approved respirator. Recommendations are listed below. Other protective respiratory equipment may be used based on user's own risk assessment.

Recommended:

Full Face Mask with organic vapor cartridge, Type A filter (BP >65°C)

**Eye protection:**

Wear eye/face protection such as chemical splash proof goggles or face shield.

Eyewash equipment and safety shower should be provided in areas of potential exposure.

**Skin Protection:**

Avoid skin contact.

Wear impermeable gloves and suitable protective clothing.

**Hand protection:**

Wear protective gloves. Recommendations are listed below. Other protective materials may be used based on user's own risk assessment. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility etc.) is noticed.

The selected protective gloves have to satisfy the specifications of EU Regulation (EC) 2016/425 and standard EN ISO 374-1:2016.

Gloves for repeated or prolonged exposure - non exhaustive list:

Nitrile rubber (NBR), thickness: > 0.56 mm, break through time: up to 480 m

Gloves for short term exposure/splash protection - non exhaustive list:

Nitrile rubber (NBR), thickness: 0.1 mm, break through time: up to 30 min

The chemical resistance depends on the type of product and amount of product on the glove. Therefore gloves need to be changed when in contact with chemicals.

Not suitable gloves - non exhaustive list:

Latex gloves

Due to many conditions (e.g. temperature, abrasion) the practical usage of a chemical protective glove in practice may be much shorter than the permeation time determined through testing.

**Additional Advice:**

Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use.

Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

**Formulation & (re)packing of substances and mixtures****Control of worker exposure**

<b>Process Category</b>	PROC1 - Use in closed process, no likelihood of exposure PROC2 - Use in closed, continuous process with occasional controlled exposure (e.g. sampling) PROC3 - Use in closed batch process (synthesis or formulation) PROC5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)
<b>Risk Management Measures and Operational Conditions</b>	Covers percentage substance in the product up to 100 % (unless stated differently). Covers daily exposures up to 8 hours (unless stated differently). Provide a basic standard of general ventilation (1 to 3 air changes per hour) . Use suitable eye protection and gloves.

<b>Process Category</b>	PROC8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities PROC8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)
<b>Risk Management Measures and Operational Conditions</b>	Covers percentage substance in the product up to 100 % (unless stated differently). Avoid carrying out operation for more than 4 hours. Provide a basic

	standard of general ventilation (1 to 3 air changes per hour) . Use suitable eye protection and gloves.
<b>Process Category</b>	PROC15 - Use as laboratory reagent
<b>Risk Management Measures and Operational Conditions</b>	Covers percentage substance in the product up to 100 % (unless stated differently). Avoid carrying out operation for more than 1 hour. Provide a basic standard of general ventilation (1 to 3 air changes per hour) . Use suitable eye protection and gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	viscous liquid
<b>Colour:</b>	yellowish
<b>Odor:</b>	ester-like
<b>Odor Threshold:</b>	See Section 8 for exposure limits.
<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	> 185 °C
<b>Flammability:</b>	Normal combustion
<b>Flammable Limits (% By Vol):</b>	Not applicable
<b>Flash point:</b>	Not applicable Not available
<b>Autoignition temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>pH:</b>	Not available
<b>Viscosity (Kinematic):</b>	Not available
<b>Viscosity (Dynamic):</b>	Very highly viscous liquid
<b>Solubility In Water:</b>	slightly soluble
<b>Solubility In Solvent:</b>	Not available
<b>Partition coefficient n-octanol/water (log value):</b>	Not available
<b>Vapor Pressure:</b>	< 1.33 hPa @ 155 °C
<b>Specific Gravity/Density:</b>	1.10 g/cm <sup>3</sup>
<b>Vapour density:</b>	Not available
<b>Particle characteristics:</b>	Not applicable

### 9.2 OTHER INFORMATION

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

Not applicable

#### 9.2.2 Other safety characteristics

Not applicable

## SECTION 10: STABILITY AND REACTIVITY

**10.1 REACTIVITY** No information available

**10.2 CHEMICAL STABILITY** Stable

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

**Polymerization:** May occur

<b>Conditions To Avoid:</b>	Uncontrolled polymerization may cause rapid evolution of heat and increase in pressure that could result in violent rupture of sealed storage vessels or containers. Hazardous polymerization can occur when exposed to direct sunlight. Hazardous exothermic polymerization can occur when heated. Avoid temperatures above 60 C (140 F).
<b>10.4 CONDITIONS TO AVOID</b>	Avoid direct exposure to sunlight. Avoid temperatures higher than 60°C. Avoid friction with temperature increase as result. Avoid exposure to strong UV sources. Loss of dissolved air. Loss of polymerization inhibitor. Avoid direct contact with heat sources.
<b>10.5 INCOMPATIBLE MATERIALS</b>	peroxides, reactive metals, Strong alkalis, Free radical initiators, They give an exothermic reaction with the product, Unintentional contact with them should be avoided
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>	oxides of carbon smoke soot Nitrous oxides (NOx)

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON HAZARD CLASSES AS DEFINED IN Regulation (EC) No 1272/2008

**Likely Routes of Exposure:** Oral, Eyes, Skin.

**Acute toxicity - oral:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Acute toxicity - dermal:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Acute toxicity - inhalation:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Skin corrosion / irritation:** Causes skin irritation

**Serious eye damage / eye irritation:** Causes serious eye irritation

**Respiratory sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Skin sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Carcinogenicity:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Germ cell mutagenicity:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Reproductive toxicity:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Specific target organ toxicity (STOT) - single exposure:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Aspiration hazard:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

## PRODUCT TOXICITY INFORMATION

### ACUTE TOXICITY DATA



oral	rat	Acute LD50	> 2000	mg/kg
dermal	rabbit	Acute LD50	> 2000	mg/kg
inhalation	rat	Acute LC50	4 hr	> 5 mg/l (Dust/Mist)

### LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	Irritating
Acute Irritation	eye	Irritating

### ALLERGIC SENSITIZATION

Sensitization	Skin	No data
Sensitization	respiratory	No data

### GENOTOXICITY

#### Assays for Gene Mutations

Ames Salmonella Assay No data

### OTHER INFORMATION

The product toxicity information above has been estimated.

The toxicological properties of this material have not been fully determined.

Prolonged or repeated contact with skin or mucous membrane may result in irritation symptoms such as redness, blistering, dermatitis, etc.

The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.

Contact with skin may cause a cross-allergic reaction in persons already sensitized to acrylates.

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## HAZARDOUS INGREDIENT TOXICITY DATA

Trimethylolpropane trimethylacrylate esters may cause mild eye and skin irritation. Based on animal testing trimethylolpropane trimethylacrylate esters are not suspected to give sensitization. Trimethylolpropane trimethylacrylate ester is considered as non-mutagen and no tumour formation was observed after an 80-weeks carcinogenicity study via dermal exposure. No fertility impairing effects were seen in animal testing but developmental toxicity cannot totally be excluded.

Methacrylic acid has an acute oral (rat) LD50 and an acute dermal (rabbit) LD50 of 1320 mg/kg and 500-1000 mg/kg, respectively. The acute inhalation (4 hr, rat) LC50 value is 7.1 mg/l (vapor). Direct contact with this material causes eye and skin burns. May cause blindness and causes respiratory tract irritation.

The toxicological properties of acrylated resin have not been fully investigated. Direct contact with this material may cause moderate eye and skin irritation.

### 11.2 INFORMATION ON OTHER HAZARDS

#### Endocrine disrupting properties:

for more information see sections 2-Other hazards and 11-Hazardous ingredient toxicity data in this Safety Data Sheet.

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## SECTION 12: ECOLOGICAL INFORMATION

### TOXICITY, PERSISTENCE AND DEGRADABILITY, BIOACCUMULATIVE POTENTIAL, MOBILITY IN SOIL, OTHER ADVERSE EFFECTS

**Aquatic Chronic Toxicity:** Toxic to aquatic life with long lasting effects

The ecological assessment for this material is based on an evaluation of its components.

### 12.1 TOXICITY

Not available

### 12.2 PERSISTENCE AND DEGRADABILITY

Not available

### 12.3 BIOACCUMULATIVE POTENTIAL

Not available

### 12.4 MOBILITY IN SOIL

Not available

### 12.5 RESULTS OF PBT AND vPvB ASSESSMENT

Not determined

### 12.6 ENDOCRINE DISRUPTING PROPERTIES

No Hazardous Ingredients

### 12.7 OTHER ADVERSE EFFECTS

Not available

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## HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Fish
Tirmethylolpropane trimethacrylate esters (3290-92-4)	LC50 = 2 mg/L - Oncorhynchus mykiss - 96 hrs NOEC = 0.138 mg/L - Pimephales promelas - 32 d
Methacrylic Acid (79-41-4)	LC50 = 85 mg/L - Oncorhynchus mykiss - 96hrs NOEC = 10 mg/L - Danio rerio - 35d
Polyurethane acrylate (-)	Not available

Component / CAS No.	Toxicity to Water Flea
Tirmethylolpropane trimethacrylate esters (3290-92-4)	EC50 > 9.22 mg/L - Daphnia magna - 48 hrs
Methacrylic Acid (79-41-4)	EC50 > 130 mg/L - Daphnia magna - 48hrs NOEC = 53 mg/L - Daphnia magna - 21d
Polyurethane acrylate (-)	Not available

Component / CAS No.	Toxicity to Algae
Tirmethylolpropane trimethacrylate esters (3290-92-4)	EC50 = 3.88 mg/L - Pseudokirchnerella subcapitata - 72 hrs NOEC = 0.177 mg/L - Pseudokirchnerella subcapitata - 72 hrs
Methacrylic Acid (79-41-4)	EC50 = 45 mg/L - Pseudokirchneriella subcapitata - 72hrs NOEC = 8.2 mg/L - Pseudokirchneriella subcapitata - 72hrs
Polyurethane acrylate (-)	Not available

Component / CAS No.	Partition coefficient
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Tirmethylolpropane trimethacrylate esters (3290-92-4)	Log Kow = 4.19
Methacrylic Acid (79-41-4)	0.93
Polyurethane acrylate (-)	Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

#### Product disposal

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed. For disposal within the European Community, waste codes according to Directive 2008/98/EC should be assigned by the user based on the application for which the product was used.

#### Packaging disposal

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

#### Disposal-relevant information

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

## SECTION 14: TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

### SUBSECTION 14.1 TO 14.5

#### ADR/RID/ADN

Dangerous Goods? X  
UN Number: UN3082  
UN PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
TECHNICAL NAME (N.O.S.): ACRYLATED MONOMER  
Transport Hazard Class: 9  
Transport Label Required: Miscellaneous  
Packing Group: III  
Tunnel restriction code: -  
Comments: Not intended for shipment by inland waterways in tank vessels. This material is environmentally hazardous according to the criteria of the UN Model Dangerous Goods Regulations and/or is a marine pollutant according to the IMDG Code.

#### IMO

Dangerous Goods? X  
UN Number: UN3082  
UN PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
TECHNICAL NAME (N.O.S.): ACRYLATED MONOMER  
Transport Hazard Class: 9  
Marine Pollutant  
Transport Label Required: Miscellaneous  
Marine Pollutant  
Packing Group: III

#### ICAO / IATA

Dangerous Goods? X

UN Number: UN3082  
UN PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
TECHNICAL NAME (N.O.S.): ACRYLATED MONOMER  
Transport Hazard Class: 9  
Transport Label Required: Miscellaneous  
Packing Group: III

#### 14.6 SPECIAL PRECAUTIONS FOR USER

Protect against external heat sources higher than +40°C.

#### 14.7 MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS

No information available

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## SECTION 15: REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

**Ozone Depleting Substances (Regulation (EC) No 1005/2009):** Not applicable

**Persistent Organic Pollutants (Regulation (EC) No 850/2004):** Not applicable

**Prior Informed Consent (Regulation (EC) No 689/2008):** Not applicable

**Substances subject to Authorization (Annex XIV of Regulation (EC) No 1907/2006):** Not applicable

**Substances subject to Restrictions for certain applications(Annex XVII of Regulation(EC)No 1907/2006):** Not applicable

**Water Endangering Class (Germany):** 2 according to AwSV, 18.04.2017

#### Inventory Information

**European Economic Area (including EU):** When purchased and shipped from an Allnex legal entity based in the EEA (EU or Norway), this product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt and/or registered.

**United States (USA):** All components of this product are designated as "Active" on the TSCA Inventory or are not required to be listed.

**Canada:** One or more components of this product are NOT included on the Canadian Domestic Substances List (DSL). These components are included on the Canadian Non-Domestic Substances List (NDSL).

**Australia:** One or more components of this product have NOT yet been included in the Australian Inventory of Industrial Chemicals (AIIC) or assessed by AICIS.

**China:** One or more components of this product are NOT included on the Chinese (IECSC) inventory.

**Japan:** One or more components of this product are NOT included on the Japanese (ENCS and/or ISHL) inventories.

**Korea:** All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory. When purchased from Allnex Korea or Chemart distributor this product is compliant with the ARECs (the Act on the Registration and Evaluation, etc. of Chemical Substances). All its components are either excluded, exempt, pre-notified and/or registered. When purchased from another allnex entity, please contact PSRA-KREACH@allnex.com to check the possibility to be covered by our Only Representative.

**Philippines:** One or more components of this product are NOT included on the Philippine (PICCS) inventory.

**Taiwan:** One or more components of this product are NOT included in the Taiwan chemical substance inventory (TCSI).

**Switzerland:** All components of this product are exempt from the new substance notification requirements for Switzerland (SR 813.11 art. 24-26).

## 15.2 CHEMICAL SAFETY ASSESSMENT

No Chemical Safety Assessment has been carried out.

## SECTION 16: OTHER INFORMATION

**Reasons for Issue:** Revised Section 8  
Revised Section 16

**Date Prepared:** 28-Aug-2023

**Date of last significant revision:** 06-Mar-2022

Classification methods include one or more of the following: use of specific product data, read-across data, modeling, professional judgment or a component based evaluation.

### Component - Hazard Statements

Tirmethylolpropane trimethacrylate esters

H411 - Toxic to aquatic life with long lasting effects.

Methacrylic Acid

H302 - Harmful if swallowed.

H311 - Toxic in contact with skin.

H332 - Harmful if inhaled.

H335 - May cause respiratory irritation.

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

Polyurethane acrylate

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Uses covered for this mixture under REACH Consolidated from the exposure scenarios of the substances present in this mixture						
No.	Short Title	Sector of Use (SU)	Product Category (PC)	Process Category (PROC)	Environmental Release Category (ERC)	Risk Management Measures/ Operational Conditions (RMM/OC)
1	Formulation & (re)packing of substances and mixtures	SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites		PROC1 PROC2 PROC3 PROC5 PROC8a PROC8b PROC9 PROC15	ERC2	Included in Section 8 of this SDS
2	Industrial application of coatings and inks	SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites		PROC1 PROC2 PROC3 PROC5 PROC8a PROC8b PROC9 PROC10 PROC13 PROC15	ERC5	Available on request*
3	Professional application of coatings and inks	SU22 - Professional uses: Public domain (administration, education,		PROC1 PROC3 PROC4 PROC8a PROC8b PROC10	ERC8c	Available on request*

		entertainment, services, craftsmen)				
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\* Contact ALLNEX (PSRA-customer-requests@allnex.com) for detailed Exposure Scenario information on the substances present in this mixture.

### Emergency phone numbers for other regions

#### Asia Pacific

Australia: +61 1800 022 037 (Allnex Australia)  
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