

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 26 Aug 2021

**Print date:** 14 Feb 2022

**Version:** 3



## ECOCRYL E All-Komponente (Export)

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

#### 1.1. Product identifier

Trade name/designation:

## ECOCRYL E All-Komponente (Export)

#### UFI:

29RA-CAFX-6FMW-S1JT

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

No data available

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

#### TPH Bausysteme GmbH

Nordportbogen 8  
22848 Norderstedt  
Germany

**Telephone:** +49 40 52 90 66 78-0

**Telefax:** +49 40 52 90 66 78-78

**E-mail:** info@tph-bausysteme.com

**Website:** www.tph-bausysteme.com

**E-mail (competent person):** sdb-info@tph-bausysteme.com

#### 1.4. Emergency telephone number

24h: International access phone number: +1-813-248-0585 /// United States, Canada, Puerto Rico, U.S. Virgin Islands: 1-800-255-3924 (Contract No. MIS7249185) /// Australia: 1-300-954-583 /// Brazil: 0-800-591-6042 /// China: 400-120-0751 /// India: 000-800-100-4086 /// Mexico: 800-099-0731

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

| Hazard classes and hazard categories             | Hazard statements                          | Classification procedure |
|--|--|--------------------------|
| Acute toxicity (oral) (Acute Tox. 4)             | H302: Harmful if swallowed.                | Calculation method.      |
| Acute toxicity (dermal) (Acute Tox. 4)           | H312: Harmful in contact with skin.        | Calculation method.      |
| Skin corrosion/irritation (Skin Irrit. 2)        | H315: Causes skin irritation.              | Calculation method.      |
| Respiratory or skin sensitisation (Skin Sens. 1) | H317: May cause an allergic skin reaction. | Calculation method.      |
| Serious eye damage/eye irritation (Eye Irrit. 2) | H319: Causes serious eye irritation.       | Calculation method.      |

#### Additional information:

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

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**TPH.**  
waterproofing systems

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### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



**GHS07**

Exclamation mark

**Signal word:** Warning

**Hazard components for labelling:**

2-dimethylaminoethyl methacrylate

#### Hazard statements for health hazards

|             |   |
|-------------|---|
| H302 + H312 | Harmful if swallowed or in contact with skin. |
| H315        | Causes skin irritation.                       |
| H317        | May cause an allergic skin reaction.          |
| H319        | Causes serious eye irritation.                |

#### Supplemental hazard information

|        |   |
|--------|---|
| EUH208 | Contains 2-dimethylaminoethyl methacrylate. May produce an allergic reaction. |
|--------|---|

#### Precautionary statements Prevention

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

#### Precautionary statements 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. |
| P332 + P313        | If skin irritation occurs: Get medical advice/attention.   |
| P337 + P313        | If eye irritation persists: Get medical advice/attention.  |
| P362 + P364        | Take off contaminated clothing and wash it before reuse.   |

#### Precautionary statements Disposal

|      |   |
|------|---|
| P501 | Dispose of contents/container to an appropriate recycling or disposal facility. |
|------|---|

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

| Product identifiers   | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP]  | Concentration       |
|---|---|---------------------|
| CAS No.: 2867-47-2<br>EC No.: 220-688-8<br>REACH No.: 01-2119474677-22-XXXX | <b>2-dimethylaminoethyl methacrylate</b><br>Acute Tox. 4 (H312, H302), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317)<br><b>Warning</b> | 50 - ≤ 100 weight-% |

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information:**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated,

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saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

### **Following inhalation:**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

### **In case of skin contact:**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

### **After eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

### **Following ingestion:**

Rinse mouth. Let water be drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

### **Self-protection of the first aider:**

Use personal protection equipment. No direct artificial respiration to be given by first aider. Avoid contact with skin, eyes and clothes.

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

Skin corrosion/irritation Allergic reactions Serious eye damage/eye irritation

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

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media:**

Co-ordinate fire-fighting measures to the fire surroundings.

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

The product itself does not burn.

#### **Hazardous combustion products:**

In case of fire: Gases/vapours, toxic

### **5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

### **5.4. Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## **SECTION 6: Accidental release measures**

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

#### **6.1.1. For non-emergency personnel**

##### **Personal precautions:**

Remove persons to safety.

##### **Protective equipment:**

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

#### **6.1.2. For emergency responders**

##### **Personal protection equipment:**

Personal protection equipment: see section 8

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

#### For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up:

Water (with cleaning agent)

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

#### Advices on safe handling:

Wear personal protection equipment (refer to section 8).

#### Fire prevent measures:

No special measures are necessary.

#### Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name   | <b>① Long-term occupational exposure limit value</b><br><b>② Short-term occupational exposure limit value</b><br><b>③ Instantaneous value</b><br><b>④ Monitoring and observation processes</b><br><b>⑤ Remark</b> |
|--------------------------------------|--|---|
| RU                                   | 2-dimethylaminoethyl methacrylate<br><b>CAS No.:</b> 2867-47-2<br><b>EC No.:</b> 220-688-8 | ③ 80 mg/m <sup>3</sup>  |

#### 8.1.2. Biological limit values

No data available

#### 8.1.3. DNEL-/PNEC-values

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Eye glasses with side protection EN 166

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### Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min  
In the case of wanting to use the gloves again, clean them before taking off and air them well.  
Breakthrough times and swelling properties of the material must be taken into consideration.

### Respiratory protection:

Filtering device with filter or ventilator filtering device of type: A A

### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

**Physical state:** Liquid

**Colour:** colourless

**Odour:** Amines

#### Safety relevant basis data

| Parameter                                    | Value                 | at °C | ① Method<br>② Remark |
|--|-----------------------|-------|----------------------|
| pH   | ≈ 11                  | 23 °C |                      |
| Melting point                                | -30 °C                |       |                      |
| Freezing point                               | <i>not determined</i> |       |                      |
| Initial boiling point and boiling range      | 182 – 192 °C          |       | ② 1.013 hPa          |
| Decomposition temperature                    | <i>not determined</i> |       |                      |
| Flash point                                  | 69 °C                 |       | ① CC                 |
| Evaporation rate                             | <i>not determined</i> |       |                      |
| Auto-ignition temperature                    | <i>not determined</i> |       |                      |
| Upper/lower flammability or explosive limits | <i>not determined</i> |       |                      |
| Vapour pressure                              | <i>not determined</i> |       |                      |
| Vapour density                               | <i>not determined</i> |       |                      |
| Density                                      | ≈ 0.93 g/cm³          | 23 °C | ① DIN EN ISO 3675    |
| Relative density                             | <i>not determined</i> |       |                      |
| Bulk density                                 | <i>not determined</i> |       |                      |
| Water solubility                             | miscible              |       |                      |
| Partition coefficient: n-octanol/water       | <i>not determined</i> |       |                      |
| Dynamic viscosity                            | <i>not determined</i> |       |                      |
| Kinematic viscosity                          | 1.47 mm²/s            | 20 °C | ① DIN 51562          |

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product itself does not burn.

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

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### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

## SECTION 11: Toxicological information

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

| Substance name   | Toxicological information  |
|--|--|
| 2-dimethylaminoethyl methacrylate<br><b>CAS No.:</b> 2867-47-2<br><b>EC No.:</b> 220-688-8 | <b>LD<sub>50</sub> oral:</b><br>>2,000 mg/kg (Rat) OECD 401<br><b>LD<sub>50</sub> dermal:</b><br>>2,000 mg/kg (Rat) OECD 402 |

#### Acute oral toxicity:

Harmful if swallowed.

#### Acute dermal toxicity:

Harmful in contact with skin.

#### Acute inhalation toxicity:

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

#### Skin corrosion/irritation:

Causes skin irritation.

#### Serious eye damage/irritation:

Causes serious eye irritation.

#### Respiratory or skin sensitisation:

May cause an allergic skin reaction. Contains 2-dimethylaminoethyl methacrylate. May produce an allergic reaction.

#### Germ cell mutagenicity:

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

#### Carcinogenicity:

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

#### Reproductive toxicity:

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

#### STOT-single exposure:

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

#### STOT-repeated exposure:

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

#### Aspiration hazard:

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

#### Additional information:

No data available

## 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

| Substance name   | Toxicological information  |
|--|--|
| 2-dimethylaminoethyl methacrylate<br><b>CAS No.:</b> 2867-47-2<br><b>EC No.:</b> 220-688-8 | <b>LC<sub>50</sub>:</b> 19.1 mg/l 4 d (fish, Oryzias latipes (Ricefish)) OECD 203<br><b>EC<sub>50</sub>:</b> 33 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 |

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| Substance name | Toxicological information   |  |
|----------------|---|--|
|                | <b>EC<sub>50</sub>:</b> 69.7 mg/l 3 d (Algae/water plant, <i>Selenastrum capricornutum</i> ) OECD 201 |  |

### 12.2. Persistence and degradability

| Substance name   | Biodegradation | Remark  |
|--|----------------|---|
| 2-dimethylaminoethyl methacrylate<br><b>CAS No.:</b> 2867-47-2<br><b>EC No.:</b> 220-688-8 | Yes, rapidly   | (28 d, OECD 301 E, 84/449/EWG Teil C.3): 95,3 % |

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

| Substance name   | Results of PBT and vPvB assessment |
|--|------------------------------------|
| 2-dimethylaminoethyl methacrylate<br><b>CAS No.:</b> 2867-47-2<br><b>EC No.:</b> 220-688-8 | —                                  |

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

##### Waste code product

07 02 08 \* other still bottoms and reaction residues

\*: Evidence for disposal must be provided.

##### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|--------------------------|-----------------------------|----------------------|------------------------------------|
|--------------------------|-----------------------------|----------------------|------------------------------------|

#### 14.1. UN number or ID number

UN 2522 UN 2522 UN 2522 UN 2522

#### 14.2. UN proper shipping name

2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED 2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED 2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED 2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED

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

|     |     |     |     |
|-----|-----|-----|-----|
|     |     |     |     |
| 6.1 | 6.1 | 6.1 | 6.1 |

#### 14.4. Packing group

II II II II

#### 14.5. Environmental hazards

No No No No

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| Land transport (ADR/RID)   | Inland waterway craft (ADN)   | Sea transport (IMDG)  | Air transport (ICAO-TI / IATA-DGR)  |
|--|---|---|---|
| <b>14.6. Special precautions for user</b>  |   |   |   |
| <b>Special provisions:</b><br>386<br><b>Limited quantity (LQ):</b><br>100 ml<br><b>Excepted Quantities (EQ):</b><br>E4<br><b>Hazard identification number (Kemler No.):</b><br>69<br><b>Classification code:</b><br>T1<br><b>Tunnel restriction code:</b><br>(D/E) | <b>Special provisions:</b><br>386   802<br><b>Limited quantity (LQ):</b><br>100 ml<br><b>Excepted Quantities (EQ):</b><br>E4<br><b>Classification code:</b><br>T1 | <b>Special provisions:</b><br>386<br><b>Limited quantity (LQ):</b><br>100 ml<br><b>Excepted Quantities (EQ):</b><br>E4<br><b>EmS-No.:</b><br>F-A, S-A | <b>Special provisions:</b><br>A209<br><b>Limited quantity (LQ):</b><br>Y641<br><b>Excepted Quantities (EQ):</b><br>E4 |

## 14.7. Maritime transport in bulk according to IMO instruments

No information available.

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

No data available

#### 15.1.2. National regulations

##### [DE] National regulations

##### Water hazard class

##### WGK:

1 - schwach wassergefährdend

##### Other regulations, restrictions and prohibition regulations

MAL-kode (Denmark): 3-5

MAL-kode (Denmark): 00-3 (Ready-for-use mixture)

ZH 1/129 "Merkblatt: Reizende Stoffe/Ätzende Stoffe (M 004)"

##### [DK] National regulations

##### Other regulations, restrictions and prohibition regulations

MAL-kode (Denmark): 3-5

MAL-kode (Denmark): 00-3 (Ready-for-use mixture)

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

No data available

#### 16.3. Key literature references and sources for data

No data available

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## ECOCRYL E All-Komponente (Export)

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

| Hazard classes and hazard categories             | Hazard statements                          | Classification procedure |
|--|--|--------------------------|
| Acute toxicity (oral) (Acute Tox. 4)             | H302: Harmful if swallowed.                | Calculation method.      |
| Acute toxicity (dermal) (Acute Tox. 4)           | H312: Harmful in contact with skin.        | Calculation method.      |
| Skin corrosion/irritation (Skin Irrit. 2)        | H315: Causes skin irritation.              | Calculation method.      |
| Respiratory or skin sensitisation (Skin Sens. 1) | H317: May cause an allergic skin reaction. | Calculation method.      |
| Serious eye damage/eye irritation (Eye Irrit. 2) | H319: Causes serious eye irritation.       | Calculation method.      |

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements |                                      |
|-------------------|--------------------------------------|
| H302              | Harmful if swallowed.                |
| H312              | Harmful in contact with skin.        |
| H315              | Causes skin irritation.              |
| H317              | May cause an allergic skin reaction. |
| H319              | Causes serious eye irritation.       |

### 16.6. Training advice

No data available

### 16.7. Additional information

Observe in addition any national regulations!