

# SAFETY DATA SHEET

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

Revision date: 8 Dec 2020

Print date: 14 Feb 2022

Version: 2



## SOLIDCRYL AI-Komponente

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

#### 1.1. Product identifier

Trade name/designation:

**SOLIDCRYL AI-Komponente**

UFI:

142M-AU8Q-8A2N-5446

#### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )	H317: May cause an allergic skin reaction.	Calculation method.
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	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

## SOLIDCRYL AI-Komponente

### 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-hydroxyethyl methacrylate; ethylene dimethacrylate

Hazard statements for health hazards	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Supplemental hazard information	
EUH208	Contains 2-hydroxyethyl methacrylate, ethylene dimethacrylate. May produce an allergic reaction.

Precautionary statements Prevention	
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements Response	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Precautionary statements Disposal	
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

**Special rules for supplemental label elements for certain mixtures:**

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

### 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 Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 868-77-9 EC No.: 212-782-2 REACH No.: 01-2119490169-29-XXXX	<b>2-hydroxyethyl methacrylate</b> Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) <b>Warning</b>	50 - 100 weight-%
CAS No.: 97-90-5 EC No.: 202-617-2	<b>ethylene dimethacrylate</b> STOT SE 3 (H335), Skin Sens. 1 (H317) <b>Warning</b> <b>Specific concentration limit (SCL)</b> STOT SE 3; H335: C ≥ 10%	≤ 20 weight-%

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

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### 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, 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. If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

##### 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.

#### 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:

Foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>) Water spray jet

##### Unsuitable extinguishing media:

Full water jet

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

##### 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.

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### 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.

### 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).

#### 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	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
NO	2-hydroxyethyl methacrylate CAS No.: 868-77-9 EC No.: 212-782-2	① 2 ppm (11 mg/m <sup>3</sup> )
LT	2-hydroxyethyl methacrylate CAS No.: 868-77-9 EC No.: 212-782-2	① 20 mg/m <sup>3</sup> ⑤ J
RU	2-hydroxyethyl methacrylate CAS No.: 868-77-9 EC No.: 212-782-2	③ 20 mg/m <sup>3</sup>

#### 8.1.2. Biological limit values

No data available

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### 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

##### 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.

#### 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:** ester

#### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	6 - 8	20 °C	
Melting point	< -30 °C		
Freezing point	<i>not determined</i>		
Initial boiling point and boiling range	> 180 °C		
Decomposition temperature	<i>not determined</i>		
Flash point	<i>not determined</i>		
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	1.07 g/cm <sup>3</sup>	20 °C	
Relative density	<i>not determined</i>		
Bulk density	<i>not determined</i>		
Water solubility	easily soluble		
Partition coefficient: n-octanol/water	<i>not determined</i>		
Dynamic viscosity	≈ 13 mPa*s	20 °C	① DIN EN ISO 2555
Kinematic viscosity	<i>not determined</i>		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

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### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

Reducing agent Heavy metals Peroxides

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

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

Substance name	Toxicological information
2-hydroxyethyl methacrylate CAS No.: 868-77-9 EC No.: 212-782-2	<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) FDA <b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (Rabbit)
ethylene dimethacrylate CAS No.: 97-90-5 EC No.: 202-617-2	<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg OECD 402

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### 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-hydroxyethyl methacrylate, ethylene dimethacrylate. 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

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### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance name	Toxicological information
2-hydroxyethyl methacrylate CAS No.: 868-77-9 EC No.: 212-782-2	<b>LC<sub>50</sub></b> : >100 mg/l 4 d (fish, <i>Oryzias latipes</i> (Ricefish)) OECD 203 <b>EC<sub>50</sub></b> : 380 mg/l 2 d ( <i>Daphnia magna</i> (Big water flea)) OECD 202 1 <b>NOEC</b> : 24.1 mg/l 21 d ( <i>Daphnia magna</i> (Big water flea)) OECD 202 2 <b>EC<sub>50</sub></b> : 836 mg/l 3 d (Algae/water plant, <i>Selenastrum capricornutum</i> ) OECD 201 <b>NOEC</b> : 400 mg/l 3 d (Algae/water plant, <i>Selenastrum capricornutum</i> ) OECD 201 <b>EC<sub>50</sub></b> : >3,000 mg/l ( <i>Pseudomonas fluorescens</i> ) 16h <b>NOEC</b> : 24.1 mg/l 21 d ( <i>Daphnia magna</i> (Big water flea)) OECD 202 2
ethylene dimethacrylate CAS No.: 97-90-5 EC No.: 202-617-2	<b>LC<sub>50</sub></b> : 15.95 mg/l 4 d (fish, <i>Danio rerio</i> (zebrafish)) OECD 203 <b>EC<sub>50</sub></b> : 44.9 mg/l 2 d ( <i>Daphnia magna</i> (Big water flea)) OECD 202 <b>EC<sub>50</sub></b> : 17.3 mg/l 3 d (Algae/water plant) OECD 201 <b>EC<sub>50</sub></b> : 570 mg/l ( <i>Pseudomonas putida</i> ) OECD 209 , 3h

### 12.2. Persistence and degradability

Substance name	Biodegradation	Remark
2-hydroxyethyl methacrylate CAS No.: 868-77-9 EC No.: 212-782-2	Yes, rapidly	
ethylene dimethacrylate CAS No.: 97-90-5 EC No.: 202-617-2	Yes, rapidly	

### 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-hydroxyethyl methacrylate CAS No.: 868-77-9 EC No.: 212-782-2	This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
ethylene dimethacrylate CAS No.: 97-90-5 EC No.: 202-617-2	This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

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### 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)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

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

No data 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

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

#### 15.2. Chemical Safety Assessment

No data available



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### 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

#### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )	H317: May cause an allergic skin reaction.	Calculation method.
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	Calculation method.

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

Hazard statements	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

#### 16.6. Training advice

No data available

#### 16.7. Additional information

No data available