

# SAFETY DATA SHEET

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

Revision date: 8 Dec 2020

Print date: 9 Dec 2020

Version: 2

**TPH.**  
waterproofing systems

## RUBBERTITE AI-Komponente

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

#### 1.1. Product identifier

Trade name/designation:

**RUBBERTITE AI-Komponente**

UFI:

3V72-FUM7-PX3P-VK5N

#### 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: GIZ-Nord +49 551 / 19240

### 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.

#### 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

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### 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. 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 Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 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 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, Skin Irrit. 2, Skin Sens. 1  <b>Warning</b> H315-H317-H319	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, 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.

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### Following ingestion:

Rinse mouth. Let water be drunken 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:

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.

### 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.

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### 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	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	① 2 ppm (11 mg/m <sup>3</sup> )
LT	2-hydroxyethyl methacrylate CAS No.: 868-77-9	① 20 mg/m <sup>3</sup> ⑤ J
RU	2-hydroxyethyl methacrylate CAS No.: 868-77-9	③ 20 mg/m <sup>3</sup>
LV	methacrylamide CAS No.: 79-39-0	① 1 mg/m <sup>3</sup>
RU	methacrylamide CAS No.: 79-39-0	③ 1 mg/m <sup>3</sup>
LT	methacrylamide CAS No.: 79-39-0	① 1 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 DIN 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.

### 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:** not determined

#### Safety relevant basis data

parameter		at °C	Method	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	1.06 g/cm <sup>3</sup>	20 °C		
Bulk density	<i>not determined</i>			
Water solubility	easily soluble			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

### 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

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
868-77-9	2-hydroxyethyl methacrylate	<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)
79-39-0	methacrylamide	<b>LD<sub>50</sub> oral:</b> 1,815 mg/kg (Rat) OECD 401

**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. 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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### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No.	Substance name	Toxicological information
868-77-9	2-hydroxyethyl methacrylate	<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
79-39-0	methacrylamide	<b>LC<sub>50</sub></b> : 2,730 mg/l 2 d (fish, <i>Leuciscus idus</i> (golde n orfe)) DIN 38412 / part 15 <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> : >1,000 mg/l 2 d ( <i>Daphnia magna</i> (Big water flea)) OECD 201 <b>EC<sub>50</sub></b> : >1,000 mg/l 3 d (Algae/water plant, <i>Selenastrum capricornutum</i> ) OECD 201

#### 12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
868-77-9	2-hydroxyethyl methacrylate	Yes, rapidly	
79-39-0	methacrylamide	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

CAS No.	Substance name	Results of PBT and vPvB assessment
868-77-9	2-hydroxyethyl methacrylate	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.
79-39-0	methacrylamide	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

### SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN-No.</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			
<b>14.4. Packing group</b>			
not relevant			
<b>14.5. Environmental hazards</b>			
not relevant			
<b>14.6. Special precautions for user</b>			
not relevant			

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**  
not relevant

## 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**

Tableaux des maladies professionnelles (TMP) - N° 65 (France)

MAL-kode (Denmark): 3-5

MAL-kode (Denmark): 3-5 (Ready-for-use mixture)

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

**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



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### 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]

#### 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.

### 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.

### 16.6. Training advice

No data available

### 16.7. Additional information

Observe in addition any national regulations!