

# SAFETY DATA SHEET

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

**Revision date:** 1 Mar 2021

**Print date:** 1 Mar 2021

**Version:** 3



## TRACKFIX POX A-Komponente

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

#### 1.1. Product identifier

**Trade name/designation:**

#### TRACKFIX POX A-Komponente

**UFI:**

KRJM-F15G-SESF-MXS7

#### 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 (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.
Hazardous to the aquatic environment (Aquatic Chronic 2)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

#### 2.2. Label elements

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

**Hazard pictograms:**



**GHS07**

Exclamation mark



**GHS09**

Environment

**Signal word:** Warning

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### Hazard components for labelling:

2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

#### hazard statements for health hazards

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

#### Hazard statements for environmental hazards

H411	Toxic to aquatic life with long lasting effects.
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#### Supplemental hazard information

EUH208	Contains 2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane. May produce an allergic reaction.
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#### Precautionary statements Prevention

P262	Do not get in eyes, on skin, or on clothing.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing and eye/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.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

#### Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
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## 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]	Concen- tration
<b>CAS No.:</b> 1675-54-3 <b>EC No.:</b> 216-823-5 <b>REACH No.:</b> 01-2119456619-26-XXXX	<b>2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b> Aquatic Chronic 2, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1 ⚠️ ! Warning H315-H317-H319-H411	60 - ≤ 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.

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### **After eye contact:**

In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist.

### **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:**

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

#### **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).

#### **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).

##### 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.

**Storage class:** 12 – non-combustible liquids that cannot be assigned to any of the above storage classes

#### 7.3. Specific end use(s)

No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

##### Skin protection:

Tested protective gloves must be worn EN ISO 374 Breakthrough times and swelling properties of the material must be taken into consideration.

##### Respiratory protection:

Filter type: A/P2

##### 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:** light yellow

**Odour:** odourless

##### Safety relevant basis data

parameter		at °C	Method	Remark
pH	not determined			
Melting point	30 – 50 °C			
Freezing point	not determined			
Initial boiling point and boiling range	> 320 °C		DSC	
Decomposition temperature	not determined			
Flash point	266 °C		EU A.9	
Evaporation rate	not determined			
Auto-ignition temperature	455 °C			

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parameter		at °C	Method	Remark
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	1.17 g/cm <sup>3</sup>	20 °C		
Bulk density	<i>not determined</i>			
Water solubility	0.0069 g/l	20 °C		
Partition coefficient: n-octanol/water	0.51081		modified shake flask test	
Dynamic viscosity	≈ 5 – 15 Pa*s			
Kinematic viscosity	<i>not determined</i>			

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

Amines Acids Alkali (lye)

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance name	Toxicological information
2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	<b>LD<sub>50</sub> oral:</b> 15,000 mg/kg (Rat) <b>LD<sub>50</sub> dermal:</b> 23,000 mg/kg (Rabbit)

#### 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 2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane. May produce an allergic reaction.

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### 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

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance name	Toxicological information
2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	<b>LC<sub>50</sub>:</b> 100 mg/l (Pseudomonas putida) <b>EC<sub>50</sub>:</b> 1.8 mg/l 2 d (Daphnia magna (Big water flea)) <b>EC<sub>50</sub>:</b> 11 mg/l 3 d (Algae/water plant, Selenastrum capricornutum) <b>LC<sub>50</sub>:</b> 2 mg/l 4 d (fish)

### Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

#### Partition coefficient: n-octanol/water:

0.51081; Method: modified shake flask test

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

Substance name	Results of PBT and vPvB assessment
2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	—

### 12.6. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Consult the appropriate authorities about waste disposal.

### Waste treatment options

#### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

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**TPH.**  
waterproofing systems

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### 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-No.</b>			
UN 3082	UN 3082	UN 3082	UN 3082
<b>14.2. UN proper shipping name</b>			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane)
<b>14.3. Transport hazard class(es)</b>			
 9	 9	 9	 9
<b>14.4. Packing group</b>			
III	III	III	III
<b>14.5. Environmental hazards</b>			
			MARINE POLLUTANT
<b>14.6. Special precautions for user</b>			
<b>Special provisions:</b> 274   335   375   601 <b>Limited quantity (LQ):</b> 5 L <b>Excepted Quantities (EQ):</b> E1 <b>Hazard identification number (Kemler No.):</b> 90 <b>Classification code:</b> M6 <b>tunnel restriction code:</b> (-) <b>Remark:</b>	<b>Special provisions:</b> 274   335   375   601 <b>Limited quantity (LQ):</b> 5 L <b>Excepted Quantities (EQ):</b> E1 <b>Classification code:</b> M6 <b>Remark:</b>	<b>Special provisions:</b> 274   335   969 <b>Limited quantity (LQ):</b> 5 L <b>Excepted Quantities (EQ):</b> E1 <b>EmS-No.:</b> F-A, S-F <b>Remark:</b>	<b>Special provisions:</b> A97   A158   A197 <b>Limited quantity (LQ):</b> Y964 <b>Excepted Quantities (EQ):</b> E1 <b>Remark:</b>

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

No data available

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### 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:

2 - deutlich wassergefährdend

#### 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

#### 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 (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.
Hazardous to the aquatic environment (Aquatic Chronic 2)	H411: Toxic to aquatic life with long lasting effects.	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.
H411	Toxic to aquatic life with long lasting effects.

#### 16.6. Training advice

No data available

#### 16.7. Additional information

Observe in addition any national regulations!