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

1.1 Product identifier
- Trade name: illbruck FA880
- MSDS code: T-I-FA880

1.2 Relevant identified uses of the substance or mixture and uses advised against
- No further relevant information available.
- Application of the substance / the mixture
  - Adhesives
  - Spacings sealant

1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  - Manufacturer/Supplier: tremco illbruck Produktion GmbH
  - Zweigniederlassung Traunreut
  - Traunring 65, D - 83301 Traunreut
  - Tel: +49 (0) 8669 34100, Fax: +49 (0) 8669 9784
  - msds@tremco-illbruck.com
- Further information obtainable from:
  - tremco illbruck Ltd
  - Coupland Road, Hindley Green, Wigan, WN2 4HT
  - T: +44 (0) 1942251400, F: +44 (0) 1942251410
  - www.tremco-illbruck.co.uk, uk.info@tremco-illbruck.com

1.4 Emergency telephone number:
- During office hours tel.: +44 (0) 1942251400. At all other times please contact your national poisoning centre.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  - The product is not classified according to the CLP regulation.

2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Supplemental information:
  - EUH208 Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.
  - EUH210 Safety data sheet available on request.

2.3 Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
- Description: Polydimethylsiloxane with inorganic fillers and oximosilane as curing agent

(Contd. on page 2)
Trade name: illbruck FA880

### Dangerous components:

<table>
<thead>
<tr>
<th>CAS: 1170315-90-8</th>
<th>2-Pentanone, O,O',O''-(phenylsilylidyne)trioxime</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC number: 700-833-6</td>
<td>Acute Tox. 4, H302; Eye Irrit. 2, H319; Aquatic Chronic 3, H412</td>
</tr>
<tr>
<td>Reg nr.: 01-2120087364-51-0000</td>
<td>1-&lt;5%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS: 37859-55-5</th>
<th>2-Pentanone, O,O',O''-(methylsilylidyne)trioxime</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELINCS: 484-460-1</td>
<td>STOT RE 2, H373; Acute Tox. 4, H302; Eye Irrit. 2, H319</td>
</tr>
<tr>
<td>Reg nr.: 01-2120004323-76-xxxx</td>
<td>1-&lt;5%</td>
</tr>
</tbody>
</table>

### Additional information:

While curing the following substances are formed and released by a reaction with atmospheric humidity:

- 2-Pentanone oxime (CAS 623-40-5)

For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:**

Take affected persons out into the fresh air.

In case of accident or if you feel unwell, seek medical advice (show this safety data if possible).

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Remove from the skin using a cloth or paper. Then clean with water and soap.

If skin irritation continues, consult a doctor.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

**Information for doctor:** No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

No further relevant information available.

#### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

### SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation
6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up:
Ensure adequate ventilation.
Pick up mechanically.
Dispose of the material collected according to regulations.

6.4 Reference to other sections
By a reaction with atmospheric humidity by-products are released. See chapter 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

7.3 Specific end use(s)
No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Occupational Exposure Limit Values for possible hazards during processing:
While curing the following substances are formed and released by a reaction with atmospheric humidity:
2-Pentanonoxime (CAS 623-40-5)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.

Respiratory protection:
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.
Filter AX
Trade name: illbruck FA880

- **Protection of hands:**
  - Protective gloves

- **Material of gloves**
  - Butyl rubber, BR
  - Nitrile rubber, NBR

- **Penetration time of glove material**
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses

- **Body protection:** Protective work clothing

### SECTION 9: Physical and chemical properties

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

- **General Information**

  - **Appearance:**
    - **Form:** Pasty
    - **Colour:** According to product specification
    - **Odour:** Characteristic
  
  - **Melting point/Melting range:** Undetermined.
  
  - **Boiling point/Boiling range:** Not applicable.

  - **Flash point:** >151 °C

- **Self-igniting:** Product is not self-igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

  - **Density at 20 °C:** 1.31 g/cm³

- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

  - **Solvent content:**
    - Organic solvents: 0.0 %
    - VOC (EC): 0.00 %

#### 9.2 Other information

No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.

- **10.2 Chemical stability**
  
  - **Thermal decomposition / conditions to be avoided:**
    No decomposition if used according to specifications.

- **10.3 Possibility of hazardous reactions** No dangerous reactions known.

- **10.4 Conditions to avoid** No further relevant information available.

- **10.5 Incompatible materials:** No further relevant information available.
Trade name: illbruck FA880

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
  - Acute toxicity: Based on available data, the classification criteria are not met.
  - Primary irritant effect:
    - Skin corrosion/irritation: Based on available data, the classification criteria are not met.
    - Serious eye damage/irritation: Based on available data, the classification criteria are not met.
    - Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
    - CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
      - 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.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
  - Aquatic toxicity: No further relevant information available.
- **12.2 Persistence and degradability**
  - No further relevant information available.
- **Other information**
  - The product is not biodegradable.
- **12.3 Bioaccumulative potential**
  - No further relevant information available.
- **12.4 Mobility in soil**
  - No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
  - PBT: Not applicable.
  - vPvB: Not applicable.
- **12.6 Other adverse effects**
  - No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
  - **Recommendation**
    - Uncured product may not be disposed of together with household waste and may not reach sewage system. To dispose of, open product containers and let them stand in open air until the reaction is finished totally (means there is no more smell). After that, waste can be disposed of as the cured product.
    - Cured product can be deposited together with domestic waste. Observe the specific related regulations of local authorities.

- **European waste catalogue**
  - 08 04 09*: waste adhesives and sealants containing organic solvents or other hazardous substances
  - 08 04 10: waste adhesives and sealants other than those mentioned in 08 04 09

(Contd. on page 6)
SECTION 14: Transport information

14.1 UN-Number
- ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name
- ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es)
- ADR, ADN, IMDG, IATA: Void
- Class: Void

14.4 Packing group
- ADR, IMDG, IATA: Void

14.5 Environmental hazards:
- Marine pollutant: No

14.6 Special precautions for user
- Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
- Not applicable.

14.8 UN "Model Regulation": Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 1999/45/EC.
- "CHIP" Regulations SI 2009 No.716 (revoked 01.06.2015, only covering derogation period to 01.06.2017)
- COMMISSION REGULATION (EU) 2015/830 of 28 May 2015
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 29, 30

15.2 Chemical safety assessment:
- A Chemical Safety Assessment has not been carried out.
SECTION 16: Other information
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
  H302 Harmful if swallowed.
  H319 Causes serious eye irritation.
  H373 May cause damage to organs through prolonged or repeated exposure.
  H412 Harmful to aquatic life with long lasting effects.

- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)
  PBT: Persistent, Bioaccumulative and Toxic
  SVHC: Substances of Very High Concern
  vPvB: very Persistent and very Bioaccumulative
  Acute Tox. 4: Acute toxicity – Category 4
  Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
  Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- * Data compared to the previous version altered.