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

1.1. Product identifier
Product form: Mixture
Product name: Betokontakt

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Intended for general public
Main use category: Consumer use, Professional use
Use of the substance/mixture: Primer

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Manufacturer: Knauf Bauprodukte GmbH & Co. KG
Am Bahnhof 7
P.O. Box 10
97346 Iphofen - Deutschland
T +49 9323 31-0 - F +49 9323 31-323
www.knauf-bauprodukte.de
E-mail address of competent person responsible for the SDS: sds-info@knauf.de

1.4. Emergency telephone number
No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display
Precautionary statements (CLP): P102 - Keep out of reach of children. P262 - Do not get in eyes, on skin, or on clothing.
EUH210 - Safety data sheet available on request.
Extra phrases: Treated article according to Regulation (EU) No 528/2012 to ensure the stability and shelf life. Contains pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)
MAXIMUM VOC CONTENT LIMIT VALUES FOR PAINTS AND VARNISHES. Product Subcategory: h (Type: WB): 30 g/l VOC content: ≤ 0.1 % (< 1 g/L)

2.3. Other hazards
No additional information available
SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>quartz, conc respirable crystalline silica&lt;1% substance with a Community workplace exposure limit</td>
<td>(CAS-No.) 14808-60-7 (EC-No.) 238-878-4</td>
<td>&gt; 20</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general: Remove contaminated clothing and shoes.
First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact: Rinse and then wash skin thoroughly with water and soap. Do not use solvents or thinners.
First-aid measures after eye contact: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion: Rinse mouth thoroughly with water. Drink plenty of water. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed
No additional information available

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
Unsuitable extinguishing media: Strong water jet.

5.2. Special hazards arising from the substance or mixture
No additional information available

5.3. Advice for firefighters
Protection during firefighting: Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures: Ensure adequate air ventilation.

6.1.1. For non-emergency personnel
No additional information available

6.1.2. For emergency responders
No additional information available

6.2. Environmental precautions
Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material for containment and cleaning up

For containment: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Disposal must be done according to official regulations.

Other information: Spill area may be slippery.

6.4. Reference to other sections


SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.

Hygiene measures: Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash contaminated clothing before reuse. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in original container. Keep out of frost. Protect from sunlight. Store in a well-ventilated place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>Local name</td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (mg/m³)</td>
</tr>
<tr>
<td>EU</td>
<td>Notes</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Personal protective equipment:

Wear suitable protective clothing.

Hand protection:

Protective gloves

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Permeation</th>
<th>Thickness (mm)</th>
<th>Penetration</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nitrile rubber (NBR), Butyl rubber</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Eye protection:

Use splash goggles when eye contact due to splashing is possible

<table>
<thead>
<tr>
<th>Type</th>
<th>Use</th>
<th>Characteristics</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety glasses with side shields</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Respiratory protection:

No respiratory protection needed under normal use conditions
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Viscous.</td>
</tr>
<tr>
<td>Colour</td>
<td>pink</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>≈ 8 - 9 (DIN ISO 976)</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>0 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>0 °C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>≈ 1,4 kg/l (DIN EN ISO 2811-1)</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>≈ 4000 mPa·s (20 °C)</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Product is not explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

VOC content: ≤ 0,1 % (< 1 g/L)

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions of use.

10.3. Possibility of hazardous reactions
None under normal use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
No information available.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified
SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Component</th>
<th>Persistence and degradability</th>
<th>Biodegradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</td>
<td>Biodegradability: not applicable. No (test)data on mobility of the substance available.</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>ThOD</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</td>
<td>No bioaccumulation data available.</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Component</th>
<th>Ecology - soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</td>
<td>Low potential for mobility in soil.</td>
</tr>
</tbody>
</table>

12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Component</th>
<th>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</th>
</tr>
</thead>
<tbody>
<tr>
<td>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</td>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Regional legislation (waste)</th>
<th>Regional legislation (waste)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not dispose of the packaging without first carrying out the necessary cleaning. Disposal must be done according to official regulations.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product/Packaging disposal recommendations</th>
<th>Product/Packaging disposal recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not dispose of the packaging without first carrying out the necessary cleaning. Disposal must be done according to official regulations. Entrust the thoroughly decontaminated packaging to a licensed waste-contractor.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>European List of Waste (LoW) code</th>
<th>European List of Waste (LoW) code</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 01 20 - aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19</td>
<td>08 01 20 - aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19</td>
</tr>
</tbody>
</table>

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

14.1. UN number
Not applicable
**14.2. UN proper shipping name**
Not applicable

**14.3. Transport hazard class(es)**
Not applicable

**14.4. Packing group**
Not applicable

**14.5. Environmental hazards**
Not applicable

**14.6. Special precautions for user**

- **Overland transport**
  Not applicable

- **Transport by sea**
  Not applicable

- **Air transport**
  Not applicable

- **Inland waterway transport**
  Not applicable

- **Rail transport**
  Not applicable

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

**SECTION 15: Regulatory information**

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

**15.1.1. EU-Regulations**
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : $\leq 0.1 \% (< 1 \text{ g/L})$

**15.1.2. National regulations**
No additional information available

**15.2. Chemical safety assessment**
No additional information available

**SECTION 16: Other information**

This safety data sheet replaces the previous version of 2018/7/23. The following changes were made:

<table>
<thead>
<tr>
<th>Section</th>
<th>Changed item</th>
<th>Change</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2</td>
<td>EUH-statements</td>
<td>Modified</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Composition/information on ingredients</td>
<td>Modified</td>
<td></td>
</tr>
</tbody>
</table>
9.2 VOC content
Modified

15.1 VOC content
Modified

Full text of H- and EUH-statements:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one (2634-33-5), 2-methyl-2H-isothiazol-3-one (2682-20-4), mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-8] (3:1) (55965-84-9). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Knauf SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.