



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 22.05.2021

Version number 2

Revision: 21.05.2021

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

#### - 1.1 Product identifier

- Trade name: **Körapur 672 - Komp.A**

- Article number: R044945-01

#### - 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

#### - 1.3 Details of the supplier of the safety data sheet

##### - Manufacturer/Supplier:

Kömmerring Chemische Fabrik GmbH  
Zweibrücker Straße 200  
D-66954 Pirmasens  
Tel.: +49 (0)6331/56-2000  
www.koe-chemie.de

##### - Informing department:

Abteilung: EU Regulatory Engineering Adhesives  
(department: EU Regulatory Engineering Adhesives)  
E-Mail: msds.koe@hbfuller.com

#### - 1.4 Emergency telephone number:

In case of poisoning:  
GBK-EMTEL International  
Tel.(24h): +49(0)6132/84463 (all languages)

In case of transport accidents:  
Tel.(24h): (001) 352 323 3500 (Infotrac - Contract ID: 90373 / GBK)

### 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

#### - 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

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### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of several substances
- **Dangerous components:** Void
- **SVHC** Doesn't contain SVHC > 0,1%.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact**  
Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Call a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**  
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**  
Water spray  
Alcohol-resistant foam  
Fire-extinguishing powder  
Carbon dioxide
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **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**  
Ensure adequate ventilation
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Use only in well ventilated areas.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
  - Protect from frost.
  - Keep receptacle tightly sealed.
  - Protect from heat and direct sunlight.
  - Store receptacle in a well ventilated area.
  - Store in dry conditions.
- **Storage class (according german VCI-concept):** 10
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical systems:** No further data; see item 7.
- **Components 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 information:**

The homogenous mixing of this product is safeguarded by continual physical testing. Raw materials which formerly had dust-like properties are completely incorporated into the liquid / paste-like mass. Subsequently, possible TLVs for solid substances are not given, as there is no more danger of inhaling these substances (when dealing with this mixture)!
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**

The usual precautionary measures should be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Protection of hands (DIN EN 420):**

Protective gloves recommended if direct contact (with the product) may occur.
- **Material of gloves** Nitrile rubber, NBR (0,12 mm)
- **Penetration time of glove material** Value for the permeation: Level  $\leq$  10 min.
- **Eye protection:** Safety glasses recommended if direct contact (with the product) may occur.

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### SECTION 9: Physical and chemical properties

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

##### - General Information

##### - Appearance:

Form: Highly viscous

Colour: Beige

- Odour: Characteristic

- Odour threshold: Not determined.

##### - Change in condition

Initial boiling point and boiling range: undetermined

- Flash point: &gt; 100 °C

- Ignition temperature: Not determined

##### - Explosion limits:

Lower: Not determined

Upper: Not determined

- Vapour pressure at 20 °C: &lt; 1 mbar

- Specific gravity at 20 °C: 1.66 g/cm<sup>3</sup>

- Vapour density: Not determined.

- Evaporation rate: Not determined.

##### - Solubility in / Miscibility with

Water: Insoluble

- Partition coefficient: n-octanol/water: Not determined.

##### - Viscosity:

dynamic at 20 °C: 26000 mPas (Brookfield)

##### - Solvent content:

VOC (EU): 0.0 g/l

VOC (EU): 0.00 %

VOC (CH): 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

Reacts with acids

Reacts with oxidizing agents

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

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- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
None, if used according to instructions and stored according to regulations

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### - LD/LC50 values that are relevant for classification:

##### ATE (Acute Toxicity Estimates)

|            |          |               |
|------------|----------|---------------|
| Dermal     | LD50     | 300,000 mg/kg |
| Inhalative | LC50/4 h | 500 mg/l      |

#### CAS: 94-96-2 2-ethylhexane-1,3-diol

|        |      |                   |
|--------|------|-------------------|
| Oral   | LD50 | 1,400 mg/kg (rat) |
| Dermal | LD50 | 2,000 mg/kg (rbt) |

- **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.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, 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.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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### SECTION 13: Disposal considerations

#### - 13.1 Waste treatment methods

- **Recommendation** Disposal in accordance with official regulations

#### - EWC-Code(s):

To be treated as industrial waste: do not dispose of in or on soil, in watercourses or bodies, or through a sewage system. These EU refuse code numbers are recommendations for waste accruing through the use of adhesives and sealants. Any waste produced from organic solvents or other dangerous substances (according GHS) listed under item 3 of this safety datasheet is itself classified as dangerous (\*).

Waste accruing during application:

080409\* waste adhesives and sealants containing organic solvents or other dangerous substances

080410 waste adhesives and sealants other than those mentioned in 080409

Waste accruing during cleaning:

08 04 11\* adhesive and sealant sludges containing organic solvents or other dangerous substances

08 04 12 adhesive and sealant sludges other than those mentioned in 080411

Waste packaging:

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 04 metallic packaging

15 01 10\* packaging containing residues of or contaminated by dangerous substances.

### SECTION 14: Transport information

#### - 14.1 UN-Number

- ADR/RID/ADN, ADN, IMDG, IATA                      Void

#### - 14.2 UN proper shipping name

- ADR/RID/ADN, ADN, IMDG, IATA                      Void

#### - 14.3 Transport hazard class(es)

- ADR/RID/ADN, ADN, IMDG, IATA

- Class    Void

#### - 14.4 Packing group

- ADR/RID/ADN, IMDG, IATA                              Void

#### - 14.5 Environmental hazards:

- Marine pollutant:    No

#### - 14.6 Special precautions for user

Not applicable.

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- |  |                 |
|--|-----------------|
| - <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| - <b>UN "Model Regulation":</b>  | Void            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **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.

-----  
For commercial use only.

- **Department issuing SDS:**  
Abteilung: EU Regulatory Engineering Adhesives  
(department: EU Regulatory Engineering Adhesives)
- **Abbreviations and acronyms:**  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 ICAO: International Civil Aviation Organisation  
 ADR: Accord relatif au transport international 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)  
 VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative
- **\* Data compared to the previous version altered.**

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