

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

Printing date 20.02.2017

Version number 1

Revision: 20.02.2017

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

- **1.1 Product identifier**
  - **Trade name:** KKD Non-Latex Dental Dam
  - **Article number:** according to Catalog
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - **Sector of Use** SU20 Health services
  - **Environmental release category** ERC2 Formulation into mixture
  - **Application of the substance / the mixture** Dental material
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
Kentzler-Kaschner Dental GmbH  
Mühlgraben 36  
D-73479 Ellwangen  
Tel: +49/7961/90730  
Fax: +49/7961/52031  
E-Mail: info@kkd-topdent.de
  - **Further information obtainable from:**  
During normal business hours  
Monday-Thursday 08:30 - 12:30 and 13:00 - 16:30 CET  
Friday 08:30 - 12:30 and 13:00 - 15:00 CET
- **1.4 Emergency telephone number:** Vergiftungs-Informations-Zentrale Freiburg, Tel. +49 761 19240

**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.

**SECTION 3: Composition/information on ingredients**

- **3.2 Chemical characterisation: Mixtures**
  - **Description:** Dental material
  - **Dangerous components:** Void
  - **Additional information:** 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 of danger area and lay down.  
Do not leave affected persons unattended.  
No special measures required.

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- Take affected persons out into the fresh air.
- **After inhalation:** Take affected persons into fresh air and keep quiet.
- **After skin contact:** If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Inform doctor. Do not give milk or fatty oils.
- **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:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** Carbon dioxide (CO<sub>2</sub>)
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **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.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:**  
Do not spray onto a naked flame or any incandescent material.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **Storage class:** Storage group: 10-13
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

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- **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 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.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Fluorocarbon rubber (Viton)  
Butyl rubber, BR  
Recommended material thickness:  
Butylkautschuk: 0,50 mm +/- 0,10 mm  
Fluorkautschuk: 0,75 mm +/- 0,10 mm  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
Basis: DGUV 212-007  
Permeation (Fluorkautschuk): + Level 6 (> 240 min)  
Permeation (Butylkautschuk): + Level 6 (> 480 min)  
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact gloves made of the following materials are suitable:**  
Fluorocarbon rubber (Viton)  
Butyl rubber, BR
- **Not suitable are gloves made of the following materials:** Plastic gloves
- **Eye protection:** Safety glasses

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

|         |        |
|---------|--------|
| Form:   | Powder |
| Colour: | Blue   |
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**

|                               |               |
|-------------------------------|---------------|
| Melting point/freezing point: | Undetermined. |
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|   |  |
|---|--|
| <i>Initial boiling point and boiling range: Undetermined.</i> |  |
| · <i>Flash point:</i>   | <i>Not applicable.</i>                               |
| · <i>Flammability (solid, gas):</i>                           | <i>Not determined.</i>                               |
| · <i>Ignition temperature:</i>                                |  |
| · <i>Decomposition temperature:</i>                           | <i>Not determined.</i>                               |
| · <i>Auto-ignition temperature:</i>                           | <i>Product is not selfigniting.</i>                  |
| · <i>Explosive properties:</i>                                | <i>Product does not present an explosion hazard.</i> |
| · <i>Explosion limits:</i>                                    |  |
| <i>Lower:</i>   | <i>Not determined.</i>                               |
| <i>Upper:</i>   | <i>Not determined.</i>                               |
| · <i>Vapour pressure:</i>                                     | <i>Not applicable.</i>                               |
| · <i>Density at 20 °C:</i>                                    | <i>0.88 g/cm<sup>3</sup></i>                         |
| · <i>Relative density</i>                                     | <i>Not determined.</i>                               |
| · <i>Vapour density</i>                                       | <i>Not applicable.</i>                               |
| · <i>Evaporation rate</i>                                     | <i>Not applicable.</i>                               |
| · <i>Solubility in / Miscibility with water:</i>              | <i>Insoluble.</i>                                    |
| · <i>Partition coefficient: n-octanol/water:</i>              | <i>Not determined.</i>                               |
| · <i>Viscosity:</i>   |  |
| <i>Dynamic:</i>   | <i>Not applicable.</i>                               |
| <i>Kinematic:</i>   | <i>Not applicable.</i>                               |
| · <i>Solvent content:</i>                                     |  |
| <i>Organic solvents:</i>                                      | <i>0.0 %</i>   |
| <i>VOC (EC)</i>   | <i>0.00 %</i>  |
| · <i>9.2 Other information</i>                                | <i>No further relevant information available.</i>    |

### 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** *Open fire, hot surfaces, high temperatures*
- **10.5 Incompatible materials:** *oxidants, acids, bases*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

### 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.*

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- **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:** Not known to be hazardous to water.
- **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** Smaller quantities can be disposed of with household waste.

· **European waste catalogue**

|          |                                |
|----------|--------------------------------|
| 07 07 99 | wastes not otherwise specified |
|----------|--------------------------------|

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |  |  |
|--|--|
| · <b>14.1 UN-Number</b>  | Not applicabel                                       |
| · <b>14.2 UN proper shipping name</b>  | Not applicable                                       |
| · <b>14.3 Transport hazard class(es)</b>   | Not applicabel                                       |
| · <b>14.4 Packing group</b>  | Not applicable                                       |
| · <b>14.5 Environmental hazards:</b>   | Not applicable.                                      |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable.                                      |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable.                                      |
| · <b>Transport/Additional information:</b>                                       | Not dangerous according to the above specifications. |
| · <b>ADR</b>   |  |
| · <b>Remarks:</b>  | No Dangerous Goods                                   |

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- |                                    |                           |
|------------------------------------|---------------------------|
| · <b>IMDG</b><br>· <b>Remarks:</b> | <i>No Dangerous Goods</i> |
| · <b>IATA</b><br>· <b>Remarks:</b> | <i>Not restricted</i>     |

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **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.*

**· Department issuing SDS:**

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**· Contact:** *info@logar.de***· 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*

*vPvB: very Persistent and very Bioaccumulative*