

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

Printing date 15.12.2021

Version number 1

Revision: 15.12.2021

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

- **1.1 Product identifier**
  - Trade name: **Technovit-2-Bond Komponente B**
- **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**

professional use  
Resin  
Coating  
Adhesives
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**

Kulzer GmbH  
Leipziger Straße 2, 63450 Hanau (Germany)  
Tel.: +49 (0)6181 9689-2570 (Wehrheim)
  - **Informing department:** email: [technik.wehrheim@kulzer-dental.com](mailto:technik.wehrheim@kulzer-dental.com)
- **1.4 Emergency telephone number:** Emergency CONTACT (24-Hour-Number): +49 (0)6132-84463

**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:** -
  - **Dangerous components:** Void

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
  - **General information**

Take affected persons out of danger area and instruct to lie down.  
Personal protection for the First Aider.
  - **After inhalation** Supply fresh air; consult doctor in case of symptoms.
  - **After skin contact** Instantly wash with water and soap and rinse thoroughly.
  - **After eye contact**

Remove contact lenses, if present and easy to do. Continue rinsing.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
  - **After swallowing**

Rinse out mouth and then drink plenty of water.

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- In case of persistent symptoms consult doctor.*
- **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**  
*Alcohol-resistant foam*  
*Fire-extinguishing powder*  
*CO2*  
*Foam*
  - **For safety reasons unsuitable extinguishing agents** *Water with a full water jet.*
- **5.2 Special hazards arising from the substance or mixture**  
*The product reacts with water and generates heat.*  
*Formation of toxic gases is possible during heating or in case of fire.*
- **5.3 Advice for firefighters**
  - **Protective equipment:**  
*Wear self-contained breathing apparatus.*  
*(EN 133)*
  - **Additional information -**

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
*Bring persons out of danger.*  
*Keep away from ignition sources*  
*Ensure adequate ventilation*  
*Wear protective clothing.*
- **6.2 Environmental precautions:**  
*Prevent material from reaching sewage system, holes and cellars.*  
*Keep dirty washing water for appropriate disposal.*
- **6.3 Methods and material for containment and cleaning up:**  
*Dispose of the material collected according to regulations.*  
*Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).*
- **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 information on disposal.*  
-

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
*Store in cool, dry place in tightly closed containers.*  
*Avoid contact with eyes and skin.*  
*Do not breathe vapor / mist / gas.*  
*Prevent formation of aerosols.*  
*Ensure good ventilation/exhaustion at the workplace.*
- **Handling**  
*do not mix with*

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- Water.
- **Information about protection against explosions and fires:**  
Protect from heat.  
Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage**
    - **Requirements to be met by storerooms and containers:**  
Store in cool, dry place in tightly closed containers.  
Protect from the effects of light.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:** None.
    - **Recommended storage temperature:** 18-32°C
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
  - **Components with critical 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.  
Not required.
    - **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
  - **Personal protective equipment**
    - **General protective and hygienic measures**  
Wash hands during breaks and at the end of the work.  
Keep away from foodstuffs, beverages and food.  
The usual precautionary measures should be adhered to in handling the chemicals.
    - **Breathing equipment:**  
Use breathing protection in case of insufficient ventilation.  
ABEK-P3 (EN14387)
    - **Protection of hands:**  
Check protective gloves prior to each use for their proper condition.  
chemical protection gloves are suitable, which are tested according to EN 374
      - **Material of gloves**  
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.  
butyl rubber (IIR)  
NBR: acrylonitrile-butadiene rubber
      - **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye protection:** eye protection (EN 166)
  - **Body protection:** Light weight protective clothing
- **Limitation and supervision of exposure into the environment**  
Do not allow to enter drainage system, surface or ground water.

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### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

- Form: Fluid
- Colour: White
- Smell: Characteristic
- Odour threshold: Not determined.

· pH-value: Not determined.

##### · Change in condition

- Melting point/freezing point: Not determined
- Initial boiling point and boiling range: Not determined

· Flash point: 160-200 °C

· Inflammability (solid, gaseous) Not applicable.

· Decomposition temperature: Not determined.

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

##### · Critical values for explosion:

- Lower: Not determined.
- Upper: Not determined.

· Steam pressure: Not determined.

· Density at 20 °C 1.02 g/cm<sup>3</sup>

- Relative density: Not determined.
- Vapour density: Not determined.
- Evaporation rate: Not determined.

##### · Solubility in / Miscibility with

- Water: Not determined.

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

##### · Viscosity:

- dynamic: Not determined.
- kinematic: Not determined.

· 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

· Conditions to be avoided: No decomposition if used and stored according to specifications.

· 10.3 Possibility of hazardous reactions Diluting or dissolving in water always causes rapid heating

#### · 10.4 Conditions to avoid

Heat, flames and sparks.  
moisture exposure

· 10.5 Incompatible materials: Water.

· 10.6 Hazardous decomposition products: None

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· **Additional information:** -

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### 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.
  - **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.
- **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** Contact waste processors for recycling information.
- **Uncleaned packagings:**
  - **Recommendation:**  
Disposal must be made according to official regulations.  
Non contaminated packagings can be used for recycling.
  - **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### SECTION 14: Transport information

- |                                       |      |
|---------------------------------------|------|
| · <b>14.1 UN-Number</b>               |      |
| · <b>ADR, IMDG, IATA</b>              | Void |
| · <b>14.2 UN proper shipping name</b> |      |
| · <b>ADR, IMDG, IATA</b>              | Void |

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· <b>14.3 Transport hazard class(es)</b>	
· <b>ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <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>	-
· <b>UN "Model Regulation":</b>	Void

### 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.
    - **Seveso category** not assigned
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Abbreviations and acronyms:**

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

- **Sources**

(EC) 1272/2008: classification, labelling and packaging of substances and mixtures

(EC) 1907/2006: REACH

ADR/RID/ADN - IMDG - IATA: transport of dangerous goods by road, rail, inland waterway, with maritime vessels and for the air transport