

Safety Data Sheet

according to Regulation (EC) Nr. 1907/2006 (REACH)

Print date: 25.06.2018

Revision number 2.0

Version date: 25.06.2018

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

1.1 Product identifier

· **Product name:** Technobase 2CB (Komponente B)

· **Product code:** 16282, 16285, 16286

1.2 Relevant identified uses of the substance or mixture and uses advised against

· **Identified uses of the substance or mixture**

Adhesive (2 component), professional use

1.3 Details of the supplier of the safety data sheet

Albert Kerbl GmbH

Felizenzell 9

D-84428 Buchbach

www.kerbl.com

Tel.: 0049-(0)8086-933-100

E-Mail: info@kerbl.com

· **Responsible Department:**

Albert Kerbl GmbH

Tel.: 0049-(0)8086-933-104

E-Mail: bm@kerbl.com

1.4 Emergency telephone number:

Gemeinsames Giftinformationszentrum der Länder Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen

c/o HELIOS Klinikum Erfurt Nordhäuser Straße 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) Nr. 1272/2008

None

2.2 Label elements

Label elements according to Regulation (EC) Nr. 1272/2008 (CLP/GHS)

None

2.3 Other hazards

None

3 Composition/information on ingredients

Chemical Characterization: Mixtures

Hazardous ingredients:

None

Description: This product does not contain SVHC substances in an amount >0.1%.



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4 First aid measures

4.1 Description of first aid measures

· **General information:**

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing by an unconscious person.

· **Inhalation:**

Move to fresh air. If symptoms persist, call a physician.

· **Skin contact:**

Remove immediately any soiled or splashed garment. Rinse abundantly in the water and in the soap. Clean clothes separately before reusing them. In case of skin irritation, seek medical treatment.

· **Eye contact:**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.

· **Ingestion:**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Firefighting measures

5.1 Extinguishing media

Suitable methods of extinction - In the event of a fire, use: sprayed water or water mist, foam, multipurpose ABC powder, BC powder, carbon dioxide (CO₂)

Unsuitable methods of extinction - In the event of a fire, do not use: water jet

5.2 Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

Special protective equipment: Wear self-contained breathing apparatus.

Further information

Cool endangered containers with water spray jet.

Dispose fire residues and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non fire-fighters: Avoid any contact with the skin and eyes.

For fire-fighters: Fire-fighters will be equipped with suitable personal protective equipment (See section 8). Special danger of slipping by leaking/spilling product.



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6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.
Prevent any material from entering drains or waterways.

6.3 Methods and material for containment and cleaning up:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal (see chapter 13). Final Cleaning preferably with a detergent, do not use solvents.

6.4 Reference to other sections

Information regarding safe handling see chapter 7.
Information regarding personal protection see chapter 8.
Information regarding disposal see chapter 13.

7 Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothes. Comply with the health and safety regulations. Personal protective equipment see Chapter 8. Do not eat, drink or smoke. Open and handle container with care. Ensure good ventilation. Avoid formation of aerosol.

Fire prevention:

Usual measures for fire prevention.

7.2 Conditions for safe storage, including any incompatibilities

· Requirements for storage rooms and vessels:

Protect against: frost

Store in a cool place. Keep container tightly closed.

Store in tightly closed containers in a cool, dry place.

Do not store together with: Gas. Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances.

Protect against: UV-radiation/sunlight. heat. moisture.

Storage class: 10 (Germany: TRGS 510)

7.3 Specific end use(s)

refer to chapter 1.

8 Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls / Personal protection

Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

Eye / face protection

Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides accordance with standard EN166. In the event of high danger, protect the face with a face shield. When spraying, wear a face shield in accordance with standard EN166. Prescription glasses are not considered as protection. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours. Provide eyewash stations in facilities where the product is handled constantly.



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Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact. Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

Suitable material:

- NBR: acrylonitrile-butadiene rubber

- IIR: isobutene-isoprene (butyl) rubber

Before using check leak tightness / impermeability.

Recommended properties :

- Impervious gloves in accordance with standard EN374

Skin protection (other than of the hands)

Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

Respiratory protection

In case of aerosol/dust formation, wear respiratory protective equipment with filter.

Thermal hazards

No data available.

Exposure controls regarding environmental protection

No data available.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **General Information**
- **Appearance:**
 - Form:** liquid
 - Colour:** blue
- **Odour:** characteristic
- **Smell Threshold:** not determined
- **pH:** not determined
- **Change of state**
 - Melting point/range:** <-150 °C
 - Boiling point/range:** 287.6 °C
- **Flash point:** >180 °C
- **Flammability (solid, gas):** not applicable
- **Ignition temperature:** not determined
- **Thermal decomposition:** not determined
- **Autoinflammability:** not self-flammable
- **Explosion hazard:** not explosive
- **Explosion limits:**
 - Lower:** not determined
 - Upper:** not determined
- **Vapour pressure at 20 °C:** 0.001 hPa



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· Density:	not determined
· Bulk density	not determined
· Vapour density	not determined
· Evaporation rate	not determined
· Solubility / miscibility	
Water:	not determined
· Partition coefficient (n-Octanol/Water):	not determined
· Viscosity:	not determined
· Oxidising properties:	not determined

9.2 Other information

No data available.

10 Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

This mixture is stable under the recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

Keep away from: oxidizing agents

10.4 Conditions to avoid:

None, under the recommended handling and storage conditions, see chapter 7.

10.5 Incompatible materials:

Acids. Oxidisers. Copper.

10.6 Hazardous decomposition products:

At high temperatures, hazardous decomposition products may be produced.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Eye damage/irritation:

Based on available data, the classification criteria are not met.

Sensitisation, respiratory or skin:

Based on available data, the classification criteria are not met.

Carcinogenicity, germ cell mutagenicity, reproductive toxicity (CMR):

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT), single/repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.



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Additional toxicological information:

Keeping to the general rules of occupational safety and industrial hygiene, there is no risk to the health of personnel when handling this product. Spray applications and inadequate suction can cause a significant irritation of the airways by aerosol droplets! Please observe the notes in chapter 8.

12 Ecological information

12.1 Toxicity No data available.

12.2 Persistence and degradability Readily biodegradable.

12.3 Bioaccumulative potential No indication of bioaccumulation potential.

12.4 Mobility in soil No data available.

12.5 Results of PBT and vPvB assessment The mixture does not meet the criteria for PBT or vPvB.

12.6 Other adverse effects No data available.

13 Disposal considerations

13.1 Waste treatment methods

Must not be disposed together with household garbage. Do not allow product to reach sewage system. After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Uncleaned packaging:

Must not be disposed together with household garbage. Contaminated packages must be completely emptied and can be reused after proper cleaning. Disposal according to official regulations.

14 Transport information

14.1 UN number Not classified as dangerous good according to transport regulations

14.2 UN proper shipping name none

14.3 Transport hazard class(es) none

14.4 Packing group none

14.5 Environmental hazards none

14.6 Special precautions for user none

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.



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15 Regulatory information

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

EU-Regulations

None

National Regulations

Germany: Wassergefährdungsklasse (WGK) Water hazard class (WGK)

slightly hazardous to water (WGK 1), classification according to AwSV

15.2 Chemical safety assessment: No data available

16 Other information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Revision notes

* Changes since the last version

Abbreviations

WGK : Wassergefährdungsklasse (Water Hazard Class).

Methods of evaluating information referred to in Article 9 of Regulation (EC) No 1272/2008 for the purpose of classification

Classification based on the components