

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** ZWpro™ BC-199 NEUTRALSILIKON**Art.-Nr.** 73900, 73883, 73884, 73889, 73886**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC1: Adhesives, sealants.**1.3. Details of the supplier of the safety data sheet**

Company name: Zweggart Fachhandelsgruppe GmbH & Co. KG
Erich-Kiefer-Str. 10 – 14
D-71116 Gärtringen | Deutschland
+49 (0)7034 122-636 | +49 (0)7034 122-557
info@zweggart.de

Auskunftgebender Bereich: Umwelt- und Produktsicherheit**Notfallauskunft:** Giftinformationszentrum (GGIZ), HELIOS Klinikum Erfurt**Telefon:** +49-361-730730**1.4. Emergency telephone number****Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** -: EUH208; -: EUH210

Most important adverse effects: Contains n-(3-(trimethoxysilyl)propyl)ethylendiamin. May produce an allergic reaction.
Safety data sheet available on request.

2.2. Label elements**Label elements:**

Hazard statements: EUH208: Contains n-(3-(trimethoxysilyl)propyl)ethylendiamin. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

2.3. Other hazards**PBT:** This product is not identified as a PBT/vPvB substance.**Section 3: Composition/information on ingredients****3.2. Mixtures**

Hazardous ingredients:

KOHLLENWASSERSTOFFE, C15-C20, N-ALKANE, ISOALKANE, CYCLOALKANE, < 0,03% AROMATEN - REACH registered number(s): 01-2119827000-58

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|--------------------|---------|
| 934-956-3 | 64742-46-7 | - | Asp. Tox. 1: H304 | 5-20% |

ETHYL-TRIS(ACETONOXIMO)-SILAN - REACH registered number(s): 01-2119982962-22-0000

| | | | | |
|---|------------|---|-----------------|------|
| - | 58190-57-1 | - | STOT RE 2: H373 | 1-5% |
|---|------------|---|-----------------|------|

N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENDIAMIN

| | | | | |
|-----------|-----------|---|---|--------|
| 217-164-6 | 1760-24-3 | - | Acute Tox. 4: H332; Eye Dam. 1: H318; Skin Sens. 1: H317; Resp. Sens. 1: H334 | 0.1-1% |
|-----------|-----------|---|---|--------|

Section 4: First aid measures**4.1. Description of first aid measures**

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. In case of persisting irritation call in a physician. Where possible show the physician container or label.

Eye contact: After separating the eyelids immediately flush eyes thoroughly with plenty of water. In case eye irritation persists, consult an oculist.

Ingestion: Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Treat symptomatically.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Carbon dioxide. Dry chemical powder. Water spray. Alcohol or polymer foam. Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Closed containers near to the fire should be cooled with water (spray). Container may burst upon heating.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Refer to section 13 of SDS for suitable method of disposal. Allow curing, the product can be disposed (category: commercial waste, municipal waste)

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Avoid contact with water or humidity. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Butyl gloves. Nitrile gloves. PVC gloves. Breakthrough time of the glove material > 1 hour.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Liquid

Colour: Various

Odour: Characteristic odour

Flash point°C: >93

Autoflammability°C: ca. 435

Relative density: ca. 1.0

VOC g/l: < 30

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Humidity. Heat. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Water. Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. Silica. Releases small amounts of methanol upon contact with water / humidity.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

KOHLENWASSERSTOFFE, C15-C20, N-ALKANE, ISOALKANE, CYCLOALKANE, < 0,03% AROMATEN

| | | | | |
|-----------|-----|---------|--------|-------|
| DERMAL | RBT | LD50 | > 3160 | mg/kg |
| DUST/MIST | RAT | 4H LC50 | > 5266 | ppmV |
| ORAL | RAT | LD50 | > 5000 | mg/kg |

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

Section 12: Ecological information**12.1. Toxicity**

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile. Insoluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects**Section 13: Disposal considerations****13.1. Waste treatment methods**

Disposal operations: After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

Waste code number: 08 04 10

Disposal of packaging: Empty (clean) container can be disposed of (category: commercial waste, municipal waste).

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information**14.1. UN number**

UN number: UN0000

14.2. UN proper shipping name**14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards**

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment****Section 16: Other information****Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

H304: May be fatal if swallowed and enters airways.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.