

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier:**

Product no.: 80150
Trade name: BISICO Universal Pastenhärter
Trade number: 00950, 00910, 02995

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:

Hardener for C-silicone

1.3. Details of the supplier of the safety data sheet:

BISICO Bielefelder Dentsilicone GmbH & Co. KG
Johanneswerkstraße 3
D-33611 Bielefeld
Tel.: +49 521 8016800
Fax: +49 521 8016801
Email: info@Bisico.de
responsible for the Safety Data Sheet: Sebastian Zimmermann

1.4. Emergency telephone number:

BISICO Bielefelder Dentsilicone GmbH & Co. KG
Tel.: +49 521 8016800 (08:00-16:00 PM)
Fax: +49 521 8016801
S. Zimmermann

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

This mixture is not classified as hazardous according to Directive 1999/45/EC.

2.1.1 GHS classification

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements**2.3. Other hazards**

No risks worthy of mention.

SECTION 3: Composition/information on ingredients**3.1. Substances:****3.2. Mixtures****Chemical characterization**

Preparation.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
220-449-8	vinyltrimethoxysilane	
2768-02-7	Xn - Harmful, Xi - Irritant R10-20-38	
	Flam. Liq. 3, Acute Tox. 4; H226 H332	
212-791-1	dioctyl tin oxide	5 - 10 %
870-08-6	Xn - Harmful R53-48/22	
	STOT RE 2, Aquatic Chronic 4; H373 H413	
201-083-8	ethyl silicate, tetraethyl silicate	2-5 %
78-10-4	Xn - Harmful, Xi - Irritant R10-20-36/37	
014-005-00-0	Flam. Liq. 3, Acute Tox. 4, Eye Irrit. 2, STOT SE 3; H226 H332 H319 H335	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Following inhalation: Provide fresh air. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Immediately get medical attention.

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

Information not available

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

Information not available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture:

For more information see chapter 10 "stability and reactivity"

5.3. Advice for firefighters

Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

The usual precautions when handling chemicals have to be obtained.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Collect 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

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

Further information on handling

No special precautionary measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container. Keep container tightly closed and in a well-ventilated place.

Further information on storage conditions

No special precautionary measures are necessary.

7.3. Specific end use(s):

No further relevant information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Protective and hygiene measures**

The usual precautions when handling chemicals have to be obtained. Avoid contact with skin, eye and clothing.

Eye/face protection

Framed glasses.

Hand protection

Hand protection: Single-use gloves.

Skin protection

No special precautionary measures are necessary.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

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

Physical state: Paste

Colour: ligh red

Odour: characteristic

Test method**Changes in the physical state**

Flash point: ca. 30 °C

Ignition temperature: > 350 °C

Density (at 20 °C): ca. 0,93 g/cm³

Water solubility:
(at 20 °C) insoluble

9.2. Other information:

no information available

SECTION 10: Stability and reactivity**10.1. Reactivity:****10.2. Chemical stability:****Conditions to avoid:**

No decomposition if used according to specification

10.3. Possibility of hazardous reactions:**10.4. Conditions to avoid**

heat.

10.5. Incompatible materials

Air, humid.

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Toxicological data are not available.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
78-10-4	ethyl silicate, tetraethyl silicate				
	oral	LD50	6270 mg/kg	Rat	GESTIS
	dermal	LD50	5880 mg/kg	Rabbit	GESTIS

Irritation and corrosivity

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Not an irritant.

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

No data available

12.2. Persistence and degradability:

Information not available.

12.3. Bioaccumulative potential:

Information not available.

12.4. Mobility in soil:

Information not available.

12.5. Results of PBT and vPvB assessment:

PBT: not applicable

vPvB: not applicable

12.6. Other adverse effects:**Further information**

General information: 2 ()

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Remove according to the regulations.

Waste disposal number of waste from residues/unused products

070217 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes containing silicones other than those mentioned in 07 02 16

Waste disposal number of used product

200399 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; municipal wastes not otherwise specified

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information**14.1 UN-Number ADR, ADN, IMDG, IATA:** Void**14.2 UN proper shipping name ADR, ADN, IMDG, IATA:** Void**14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA****Class:** Void**14.4 Packing group ADR, IMDG, IATA:** Void**14.5 Environmental hazards Marine pollutant:** No**14.6 Special precautions for user:** Not applicable.**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.**UN "Model Regulation":** -**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information** Water contaminating class (D): 2 - water contaminating**15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Changes compared with the previous version: Adaptation according to 1907/2006/EG, Article 31

Full text of R phrases referred to under Sections 2 and 3

10 Flammable.
20 Harmful by inhalation.
36/37 Irritating to eyes and respiratory system.
38 Irritating to skin.
48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
53 May cause long-term adverse effects in the aquatic environment.

Full text of H statements referred to under Sections 2 and 3

H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H413 May cause long lasting harmful effects to aquatic life.

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

Preparation by:

S. Zimmermann

Tel.: +49 521 8016800