

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: Construction Silicone Premium DBSA

Revision Date: 18.11.2020

Version: 4.0/en



Replaces version from: 18.11.2020

Print date: 18.11.2020

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

1.1 Product identifier

Commercial Product Name **Construction Silicone Premium DBSA**

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

Relevant identified uses Connection joints on windows and doors made of wood, metal and plastic material. Movement joints between various building components. Seams on shower cabinets and around skylights.

1.3 Details of the supplier of the safety data sheet

Company designation fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12-0
FAX: +49(0)7443 12-4222
Email: info-sdb@fischer.de
Internet: www.fischer.de

Marketer Great Britain: Mrs Mirka Valovicova, fischer Fixing (UK) Ltd
Hithercroft Road
Wallingford, Oxfordshire, OX10 9AT
Telephone: +44 01491 827 920
FAX: +44 01491 827 950
Internet: www.fischer.co.uk

1.4 Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

Further information EUH208: Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction.
EUH210: Safety data sheet available on request.

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2.3 Other hazards

Health hazard No information available.

Particular information pertaining specific risk for human / environment No information available.

Indication of danger No information available.

Hazard precautions No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
Distillates (petroleum), hydrotreated middle predominantly in the range of C11 through C25 and boiling in the range of approximately 205oC to 400oC (401 oF to 752 oF).]	CAS No.: 64742-46-7 EC-No.: 265-148-2 Index-No.: 649-221-00-X REACH No.: 01-2119552497-29	Asp. Tox. 1; H304	10.0 - 15.0 % by weight
Silsesquioxanes, 3-aminopropyl Me, ethoxy-terminated	CAS No.: 128446-60-6	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Irrit. 2; H319	1.0 - 5.0 % by weight
3-aminopropyltriethoxysilane	CAS No.: 919-30-2 EC-No.: 213-048-4 Index-No.: 612-108-00-0 REACH No.: 01-2119480479-24-0000	Acute Tox. 4 ; H302 Skin Corr. 1B; H314	< 1.0 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice Take off immediately all contaminated clothing.
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Wear personal protection equipment (refer to section 8).

If inhaled Provide fresh air.
In case of respiratory tract irritation, consult a physician.

In case of skin contact After contact with skin, wash immediately with plenty of water and soap.
Do NOT use solvents or thinners.

In case of eye contact Remove contact lenses.

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	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
If swallowed	If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No known symptoms to date. No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	If unconscious place in recovery position and seek medical advice.
Special medical treatment	Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	spray mist, (water), Water spray jet, alcohol resistant foam, carbon dioxide, Extinguishing powder
Extinguishing media which must not be used for safety reasons	Full water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	Heating or fire can release toxic gas. Fight fire with normal precautions from a reasonable distance.
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5.3 Advice for firefighters

Special protective equipment for firefighting	In case of fire: Wear self-contained breathing apparatus. For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).
Additional information on firefighting	Suppress (knock down) gases/vapours/mists with a water spray jet. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	For non-emergency personnel Accidental release measures:
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Wear personal protection equipment (refer to section 8).
Remove all sources of ignition.
Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

Environmental precautions The product should not be allowed to enter drains, water courses or the soil.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Allow stiffening. Take up mechanically.
Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Reference to other sections Reference to other sections : 7 / 8 / 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Keep container tightly closed.
Hygiene measures: When using do not eat, drink or smoke. Wash hands before breaks and after work.
Take off contaminated clothing and wash it before reuse.

Advice on protection against fire and explosion No special measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Keep/Store only in original container.
Keep container tightly closed and dry.
Store in accordance with local regulations.

Unsuitable materials for containers Keep only in original container.

Hints on storage assembly Keep away from food, drink and animal feedingstuffs.

German storage class 10 - 13 (TRGS 510)

Recommended storage temperature +5 - 25 °C

7.3 Specific end use(s)

Specific use(s) Sealant

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection	Usually no personal respirative protection necessary. In case of inadequate ventilation wear respiratory protection.
Hand protection	Health injuries are not known or expected under normal use. For prolonged or repeated contact use protective gloves.
Suitable material	Protective gloves complying with EN 374. Butyl caoutchouc (butyl rubber), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber), Fluorinated rubber
Unsuitable material	PVC or rubber gloves are not recommended.
Material thickness	adjust to application and duration of use
Break through time	adjust to application and duration of use
Remarks	Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Note	Replace when worn.
Eye protection	Wear closely fitting protective glasses in case of splashes. Safety glasses with side-shields conforming to EN166
Skin and body protection	Long sleeved clothing
Note	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General protective and hygiene measures	Do not eat, drink or smoke when using this product. Avoid contact with the skin and the eyes. Wash hands and face before breaks and after work and take a shower if necessary. Keep away from food, drink and animal feedingstuffs. Use protective skin cream before handling the product.
Information on environmental protection regulations	No special environmental measures are necessary. see section 6/7
Engineering measures	Provide adequate ventilation.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Paste
Colour	see label
Odour	characteristic
Odour threshold	not determined
pH	not determined
Melting point [°C] / Freezing point [°C]	No data available
Boiling point [°C]	No data available
Flash point [°C]	No data available
Evaporation rate [kg/(s*m ²)]	No data available
Flammability (solid, gas)	No data available
Explosion limits [Vol-%]	
Lower limit	No data available
Upper limit	No data available
Vapour pressure [kPa]	No data available
Vapour density	No data available
Density [g/cm ³]	1
Relative density	No data available
Solubility	No data available
Water solubility [g/l]	No data available
Solubility [g/l]	No data available
Partition coefficient n-octanol /water (log P O/W)	No data available
Autoinflammability	not auto-flammable
Decomposition temperature [°C]	No data available
Explosive properties	not explosive.
Risk of explosion.	not explosive.
Oxidising properties	No

9.2 Other information

Ignition temperature [°C]	not determined
Solvent content [%]	not determined

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SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity No hazardous reaction when handled and stored according to provisions.
No decomposition if stored and applied as directed.

10.2 Chemical stability

Chemical stability Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

Hazardous reactions No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Conditions to avoid The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.5 Incompatible materials

Materials to avoid Strong acids and oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg] Based on available data, the classification criteria are not met.

Dermal toxicity [mg/kg] Based on available data, the classification criteria are not met.

Inhalative toxicity [mg/l] Based on available data, the classification criteria are not met.

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

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

Irritant effect on the respiratory tract Based on available data, the classification criteria are not met.

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

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

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

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

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

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Specific target organ toxicity (single exposure) [mg/kg]

Remarks

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

Specific target organ toxicity (repeated exposure) [mg/kg]

Specific effects

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

Aspiration hazard

Aspirations_less_hydrocarbons

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

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

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

Toxicity to daphnia [mg/l]

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

Toxicity to algae [mg/l]

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

12.2 Persistence and degradability

Biodegradability

There is no data available for this product.

12.3 Bioaccumulative potential

Bioaccumulation

There are no data available on the mixture itself.

12.4 Mobility in soil

Mobility

There is no data available for this product.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations

Do not allow to enter into surface water or drains.
Dispose of waste according to applicable legislation.
Empty remaining contents.
Empty packaging: Where possible recycling is preferred to disposal or incineration.
Product: Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.

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Waste Code 200000 - MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	No dangerous good according to ADR	No dangerous good according to IMDG	No dangerous good according to IATA
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
UN proper shipping name		Non dangerous good	Non dangerous good

14.6 Special precautions for user

Precautions No special measures are necessary.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code not applicable

SECTION 15: Regulatory information

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

Decopaint regulation not relevant

Carcinogenic hazardous substance as per Annex II GefStoffV No

15.2 Chemical safety assessment

Safety assessment Not relevant
For this preparation a chemical safety assessment has been carried out. This safety data sheet contains more than one ES in an integrated form. Contents of the exposure scenarios have been included into sections 1.2, 8, 9, 12, 15 and 16 of this safety data sheet.

Additional regulations This Safety Data Sheet is prepared according to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 16: Other information

Relevant H-phrases H226: Flammable liquid and vapour.

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H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

EUH208: Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction.

Wording of the hazard classes

Asp. Tox.: Aspiration hazard

Flam. Liq.: Flammable liquid

Skin Irrit.: Skin irritation

Eye Irrit.: Serious eye irritation

Acute Tox.: Acute toxicity

This product is classified as not hazardous according to regulation EC CLP

Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.