

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

Commercial Product Name: Building Silicone DBSI



innovative solutions

Revision Date: 29.06.2020

Version: 4/en

Replaces version from: 30.03.2017

Print date: 30.06.2020

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

1.1 Product identifier

Commercial Product Name **Building Silicone DBSI**

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

Relevant identified uses Anschlussfugen zwischen Türe und Wand, Fugen bei Kunststoff-, Holz- und Metallfenstern

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 2-butanone oxime, 2-butanone-O,O',O''-(phenylsilyldyne)trioxime, 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
EUH210: Safety data sheet available on request.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	*EC-No.: 934-956-3 REACH No.: 01-2119827000-58	*Asp. Tox. 1; H304	30.0 - 35.0 % by weight
2-butanone oxime	CAS No.: 96-29-7 EC-No.: 202-496-6 Index-No.: 616-014-00-0 *REACH No.: 01-2119539477-28	Carc. 2; H351 Acute Tox. 4 ; H312 Eye Dam. 1; H318 Skin Sens. 1; H317	< 1.0 % by weight
2-butanone-O,O',O''-(phenylsilylidyne)trioxime	CAS No.: 34036-80-1 EC-No.: 433-360-6 Index-No.: 014-037-00-5	STOT RE 2 ; H373 Skin Sens. 1; H317 Aquatic Chronic 3; H412	< 1.0 % by weight
2-Octyl-2H-isothiazol-3-on	CAS No.: 26530-20-1 EC-No.: 247-761-7 Index-No.: 613-112-00-5	Acute Tox. 3 ; H331 Acute Tox. 3 ; H311 Acute Tox. 4 ; H302 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400Aquatic Chronic 1; H410	< 0.01 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	If symptoms persist, call a physician. Remove/Take off immediately all contaminated clothing.
If inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	IF ON SKIN: Gently wash with plenty of soap and water.
In case of eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If swallowed	If swallowed, seek medical advice immediately and show this container or label. Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No data available

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention No data available

Special medical treatment No data available

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂)
Dry powder
Foam
Water spray jet

Extinguishing media which must not be used for safety reasons High volume 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.

5.3 Advice for firefighters

Special protective equipment for firefighting In the event of fire, wear self-contained breathing apparatus.
In the event of fire and/or explosion do not breathe fumes.

Additional information on fire-fighting Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Keep containers and surroundings cool with water spray. Container may rupture on heating.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.
Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Environmental precautions The product should not be allowed to enter drains, water courses or the soil.
Prevent spreading 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 Use mechanical handling equipment.
Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections See chapter 8/13

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Skin and body protection	Wear suitable protective equipment.
Note	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General protective and hygiene measures	Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs. Use protective skin cream before handling the product.
Information on environmental protection regulations	No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	paste
Colour	various
Additional information on colour	see label
*Odour	characteristic
Odour threshold	not determined
pH	not determined
Melting point [°C] / Freezing point [°C]	not determined
*Boiling point [°C]	No data available
*Initial boiling point [°C] and boiling range [°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	not determined
Upper limit	not determined
Vapour pressure [kPa]	not determined
*Density [g/cm ³]	0,98
Temperature	23 °C
Relative density	not determined

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*Solubility	No data available
Water solubility [g/l]	insoluble
Solubility [g/l]	No data available
Partition coefficient n-octanol /water (log P O/W)	No data available
Autoignition temperature [°C]	not determined
Autoinflammability	not auto-flammable
Decomposition temperature [°C]	not determined
Viscosity, dynamic [kg/(m*s)]	not determined
Risk of explosion.	not explosive.

9.2 Other information

*Ignition temperature [°C] > 440

SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition No decomposition if stored and applied as directed.

10.2 Chemical stability

Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid None known.

10.6 Hazardous decomposition products

Hazardous decomposition products No decomposition if used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]

Hazardous ingredients

* Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics

Value	Test criterion	Test species	Source
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> 5000	LD50	Rat	Company data
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* 2-butanone oxime			
Value	Test criterion	Test species	Source
3700	LD50	Rat	Company data

Dermal toxicity [mg/kg]

Hazardous ingredients

* Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics			
Value	Test criterion	Test species	Source
> 3160	LD50	Rabbit	Company data

* 2-butanone oxime			
Value	Test criterion	Test species	Source
> 200	LD50	rat	Company data

Inhalative toxicity [mg/l]

Hazardous ingredients

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics				
Value	Test criterion	Test species	Exposure duration	Source
> 5266	LC50	rat	4 h	Company data

* 2-butanone oxime				
Value	Test criterion	Test species	Exposure duration	Source
20	LC50	rat	4 h	Company data

Irritant effect on skin

No skin irritation

Irritant effect on eyes

No eye irritation

*Sensitization

Contains 2-octyl-2H-isothiazol-3-one, 2-butanone oxime, 2-butanone-O,O',O''-(phenylsilyldiyl)trioxime. May produce an allergic reaction.

11.2 Additional information

Other information (chapter 11.) There is no data available for this product.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

Hazardous ingredients

* Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics					
Value	Test criterion	Test species	Measuring method	Exposure duration	Source

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1028	LL50:	Scophthalmus maximus	OECD 203	96 h	Company data
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Toxicity to daphnia [mg/l]

Hazardous ingredients

* Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics

Value	Test criterion	Test species	Exposure duration	Source
3193	LL50:	Acartia tonsa	48 h	Company data

Toxicity to algae [mg/l]

Hazardous ingredients

* Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics

Value	Test criterion	Test species	Exposure duration	Source
> 10000	EL50:	Skeletonema costatum	72 h	Company data

12.2 Persistence and degradability

Biodegradability

Remarks No data available

12.3 Bioaccumulative potential

Bioaccumulation no data available

12.4 Mobility in soil

Mobility

Mobility No data available

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

Further information on ecology No information on ecology is available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Disposal together with normal waste is not allowed. Special disposal required according to local regulations. The product should not be allowed to enter drains, water courses or the soil.

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Waste Code	Empty remaining contents. Product 200127 - paint, inks, adhesives and resins containing dangerous substances 080000 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS 080400 - wastes from MFSU of adhesives and sealants (including water-proofing products) 080409 - waste adhesives and sealants containing organic solvents or other dangerous substances cured material 200000 - MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
Uncleaned empty packaging	Dispose of as unused product.

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.
14.2 UN proper shipping name		Non dangerous good	Non dangerous good

14.6 Special precautions for user

Precautions not required under normal use

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

14.8 Additional information

Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

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SECTION 15: Regulatory information

15.2 Chemical safety assessment

Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

*Additional regulations This product is a "Treated article without primary biocidal function (Art. 58 in conjunction with Art. 3 (1) a)". This product protects itself by the added film protection active substance, which cannot show any outwardly directed effect by the resulting plastic film. Film protective agent: 2-octyl-2H-isothiazol-3-one

SECTION 16: Other information

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

Relevant H-phrases H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H331: Toxic if inhaled.
H351: Suspected of causing cancer .
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.
EUH208: Contains 2-butanone oxime, 2-butanone-O,O'-(phenylsilyldyne)trioxime, 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

Wording of the hazard classes Asp. Tox.: Aspiration hazard
Carc.: Carcinogenicity
Acute Tox.: Acute toxicity
Eye Dam.: Serious eye damage
Skin Sens.: Skin sensitization
STOT RE: Specific target organ toxicity - repeated exposure
Aquatic Chronic: Hazardous to the aquatic environment
Aquatic Acute: Hazardous to the aquatic environment
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.