

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

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

1.1 Product identifier

Commercial Product Name **Sanitary Silicone DSSI**

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

Relevant identified uses Sealing of seams between tiles and materials made of glass and porcelain. Connection joints in kitchen areas (e.g. around stainless sinks). Glazing of wood and aluminium windows. Seams of glass cabinets and glass bricks.

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 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
EUH210: Safety data sheet available on request.

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

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	20.0 - 25.0 % by weight
Distillates (petroleum), hydro-treated light predominantly in the range of C9 through C16 and boiling in the range of approximately 150 oC to 290 oC (302 oF to 554 oF.)	CAS No.: 64742-47-8 EC-No.: 265-149-8 Index-No.: 649-422-00-2 REACH No.: 01-2119484819-18	Asp. Tox. 1; H304	5.0 - 10.0 % by weight
4,5-dichloro-2-octyl-2H-isothiazol-3-one	CAS No.: 64359-81-5 EC-No.: 264-843-8	Acute Tox. 4; H302 Acute Tox. 2; H330 Acute Tox. 4; H312Skin Corr. 1C; H314 Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0.0015 % 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

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

Special medical treatment No data available

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 firefighting 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".

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

6.4 Reference to other sections

Reference to other sections See chapter 8/13

6.5 Additional information

Other information Dispose of in accordance with local regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling None under normal processing.

Advice on protection against fire and explosion No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Keep containers tightly closed in a cool, well-ventilated place.
Store in accordance with local regulations.
Keep only in original container.

Hints on storage assembly Store in accordance with the particular national regulations.

German storage class 10-13 (TRGS 510)

7.3 Specific end use(s)

Specific use(s) Sealant

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 No personal respiratory protective equipment normally required.

Hand protection not required under normal use

 Suitable material butyl-rubber, Chloroprene, Nitrile rubber

 Unsuitable material PVC disposable gloves

 Material thickness adjust to application and duration of use

 Break through time adjust to application and duration of use

 Remarks Replace when worn. Request information on glove permeation properties from the glove supplier. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

	through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).
Eye protection	Tightly fitting safety goggles
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	of vinegar
pH	not determined
Melting point [°C] / Freezing point [°C]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not applicable
Explosion limits [Vol-%]	
Lower limit	not determined
Upper limit	not determined
Vapour pressure [kPa]	not determined
Density [g/cm ³]	0,96
Water solubility [g/l]	insoluble
Autoinflammability	not auto-flammable
Viscosity, dynamic [kg/(m*s)]	800
Risk of explosion.	not explosive.

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

9.2 Other information

Ignition temperature [°C]	400
Solvent content [%]	< 3
Solid content [%]	not determined

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
> 5000	LD50	Rat	Company data

Distillates (petroleum), hydro- treated light predominantly in the range of C9 through C16 and boiling in the range of approxi mately 150 oC to 290 oC (302 oF to 554 oF).]

Value	Test criterion	Source
> 15000	LD50	Company data

Dermal toxicity [mg/kg]

Hazardous ingredients

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics			
Value	Test criterion	Test species	Source

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

> 3160	LD50	Rabbit	Company data
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Distillates (petroleum), hydro- treated light predominantly in the range of C9 through C16 and boiling in the range of approximately 150 oC to 290 oC (302 oF to 554 oF).]

Value	Test criterion	Source
> 3160	LD50	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

Irritant effect on skin No skin irritation

Irritant effect on eyes No eye irritation

Sensitization No known effect.

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
1028	LL50:	Scophthalmus maximus	OECD 203	96 h	Company data

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

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

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.
Empty remaining contents.

Waste Code 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.

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

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

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: 4,5-dichloro-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.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H330: Fatal if inhaled.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.

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

Commercial Product Name: Sanitary Silicone DSSI



Revision date: 01.07.2020

Version: 3/en

Print date: 01.07.2020

H410: Very toxic to aquatic life with long lasting effects.
EUH208: Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

Wording of the hazard classes

Asp. Tox.: Aspiration hazard
Acute Tox.: Acute toxicity
Skin Sens.: Skin sensitization
STOT SE: Specific target organ toxicity - single exposure
Aquatic Acute: Hazardous to the aquatic environment
Aquatic Chronic: 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.