

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

Commercial Product Name: Sanitary Silicone Premium DSSA



innovative solutions

Revision Date: 02.06.2020

Version: 3/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                      **Sanitary Silicone Premium DSSA**

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

Relevant identified uses                      Joints on washbowls and toilets as well as expansion joints between tiles on floors and walls. Joints around shower trays and bath tubs made of enamel and plastic. Connection joints in kitchen areas (e.g. around stainless sinks). Glazing of wood and aluminium windows, seams of glass cabinets and glass bricks.

Recommended restrictions                      None under normal processing. Observe technical data sheet.

### **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.

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EUH210: Safety data sheet available on request.

## **SECTION 3: Composition/information on ingredients**

### **3.2 Mixtures**

#### **Hazardous ingredients**

<b>Ingredient</b>	<b>CAS No.</b>	<b>Classification (EC) 1272/2008</b>	<b>Concentration</b>
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	5.0 - 10.0 % by weight
triacetoxethylsilane	CAS No.: 17689-77-9 EC-No.: 241-677-4 REACH No.: 01-2119881778-15	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 EUH014	1.0 - 5.0 % by weight
Oligomere Ethyl- und Methylacetoxysilane	*CAS No.: 160738-91-0	Skin Corr. 1B; H314 Eye Dam. 1; H318	1.0 - 5.0 % 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	< 0.05 % 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
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## 4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention No data available

Special medical treatment No data available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO<sub>2</sub>)  
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.

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Treat recovered material as described in the section "Disposal considerations".

## 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 11 (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

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	chemical resistant protective glove can be notably shorter than the break 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
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]	> 100
Evaporation rate [kg/(s*m <sup>2</sup> )]	not applicable
Flammability (solid, gas)	No data available
Explosion limits [Vol-% ]	
Lower limit	No data available
Upper limit	No data available
Vapour pressure [kPa]	not applicable
Vapour density	Not applicable

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*Density [g/cm <sup>3</sup> ]	1,01
Relative density	not determined
Solubility	No data available
Water solubility [g/l]	insoluble
Remarks	Water Reactive
Partition coefficient n-octanol /water (log P O/W)	not determined
Autoignition temperature [°C]	not determined
Autoinflammability	not auto-flammable
Decomposition temperature [°C]	not determined
*Viscosity, dynamic [kg/(m*s)]	800
Explosive properties	Not explosive
Risk of explosion.	Not explosive
Oxidising properties	No

## 9.2 Other information

*Ignition temperature [°C]	400
*Solvent separation test [%]	< 3

## 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.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Oral toxicity [mg/kg]

##### Hazardous ingredients

\* 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).]

Value	Test criterion	Test species	Source
>5000	LD50	Rat	Company data

\* triacetoxylethylsilane

Value	Test criterion	Test species	Source
1460	LD50 (OECD 401)	Rat	Company data

#### Dermal toxicity [mg/kg]

##### Hazardous ingredients

\* 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).]

Value	Test criterion	Test species	Source
>3160	LD50	Rabbit	Company data

#### Inhalative toxicity [mg/l]

##### Hazardous ingredients

\* 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).]

Value	Test criterion	Test species	Exposure duration	Source
>5266	LC50	Rat	4h	Company data

\*Irritant effect on skin Causes mild skin irritation.

\*Irritant effect on eyes Gases/vapours, irritant

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

\* 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).]

Value	Test criterion	Test species	Exposure duration	Source
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>1028	LC50	Steinbutt	96h	Company data
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<b>* triacetoxylethylsilane</b>				
Value	Test criterion	Test species	Exposure duration	Source
251	LC50	Brachydanio rerio (zebra-fish)	96 h	Company data

## Toxicity to daphnia [mg/l]

### Hazardous ingredients

<b>* 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).]</b>				
Value	Test criterion	Exposure duration	Source	
>3193	EC50	48h	Company data	

<b>* triacetoxylethylsilane</b>				
Value	Test criterion	Test species	Exposure duration	Source
169	EC50	Daphnia magna (Big water flea)	48 h	Company data

## Toxicity to algae [mg/l]

### Hazardous ingredients

<b>* 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).]</b>				
Value	Test criterion	Test species	Exposure duration	Source
>10000	ErC50:	Skeletonema costatum	72h	Company data

<b>* triacetoxylethylsilane</b>				
Value	Test criterion	Test species	Source	
210	EC50	Pseudokirchneriella subcapitata	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



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## 12.5 Results of PBT and vPvB assessment

Results of PBT characteristics de-termination 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.

## 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

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## 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  
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.  
H314: Causes severe skin burns and eye damage.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H330: Fatal if inhaled.  
H335: May cause respiratory irritation.  
H350: May cause cancer .  
H400: Very toxic to aquatic life.  
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  
Eye Dam.: Serious eye damage  
Skin Sens.: Skin sensitization  
STOT SE: Specific target organ toxicity - single exposure  
Aquatic Acute: Hazardous to the aquatic environment

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Aquatic Chronic: Hazardous to the aquatic environment

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

Recommended restrictions

None under normal processing. Observe technical data sheet.

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.