

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

Commercial Product Name : **Multi Silicone DMS**

Revision Date : 30.03.2017

Version : 2.1 /en



Replaces version from : 03.07.2014

Print date : 05.04.2017

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

### **1.1 Product identifier**

Commercial Product Name                      **Multi Silicone DMS**

### **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, Tel. 01491 827 920, Fax 01491 827 950

### **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-Dichlor-2-octyl-2H-isothiazol-3-on. May produce an allergic reaction.6  
EUH210: Safety data sheet available on request.

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

### **Hazardous ingredients**

<b>Ingredient</b>		<b>Classification (EC) 1272/2008</b>	<b>Concentration</b>
Distillates (petroleum), hydrotreated middle, Gasoil – unspecified	EC-No. : 934-956-3 REACH No. : 01-2119827000-58	Asp. Tox. 1; H304	25.0 – 50.0 % by weight
methyltriacetoxysilane	CAS No. : 4253-34-3 EC-No. : 224-221-9 REACH No. : 01-2119962266-32	Skin Corr. 1B; H314 Acute Tox. 4; H302	< 2.5 % by weight
triacetoxyl(propyl)silane	CAS No. : 17865-07-5 EC-No. : 241-816-9 REACH No. : 01-2119966899-07	Skin Corr. 1B; H314	< 2.5 % 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

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

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

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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".

### 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.

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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 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.

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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]	200
Explosion limits [Vol-% ]	
Lower limit :	not determined
Upper limit :	not determined
Vapour pressure [kPa]	not determined
Density [g/cm <sup>3</sup> ]	0,94
Temperature :	20 °C
Water solubility [g/l]	insoluble
Autoinflammability	not auto-flammable
Viscosity, dynamic [kg/(m*s)]	20
Temperature :	20 °C
Risk of explosion.	not explosive.

### **9.2 Other information**

Ignition temperature [°C]	not determined
Solvent content [%]	0
Solid content [%]	99,9

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## 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

#### Hazardous ingredients

##### Distillates (petroleum), hydrotreated middle, Gasoil - unspecified

Oral toxicity [mg/kg]	Test criterion	Test species	Source
> 2000	LD50	rat	100

Source : 100 - Company data

Dermal toxicity [mg/kg]	Test criterion	Test species	Source
> 2000	LD50	rabbit	100

Source : 100 - Company data

Inhalative toxicity [mg/l]	Test criterion	Test species	Exposure duration	Source
> 5266	LC50	rat	4 h	100

Source : 100 - Company data

Irritant effect on skin No skin irritation

Irritant effect on eyes No eye irritation

Sensitization No known effect.

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## 11.2 Additional information

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

## SECTION 12: Ecological information

### 12.1 Toxicity

### 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 waterproofing products)  
080409 – waste adhesives and sealants containing organic solvents or other dangerous substances  
cured material

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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
14.2 Description of the goods	Non-dangerous goods	Non-dangerous goods	Non-dangerous goods
14.2 UN proper shipping name		Non dangerous good	Non dangerous good
Proper shipping name	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**

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

VOC

0 %

Water Hazard Class (Ger.)

1

### **15.2 Chemical safety assessment**

Safety assessment

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

## **SECTION 16: Other information**

Relevant H-phrases

H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H314: Causes severe skin burns and eye damage.  
EUH208: Contains 4,5-Dichlor-2-octyl-2H-isothiazol-3-on. May produce an allergic reaction.  
EUH210: Safety data sheet available on request.

Wording of the hazard classes

Asp. Tox.: Aspiration hazard  
Skin Corr.: Skin corrosion

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Acute Tox.: Acute toxicity

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.