

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

Commercial Product Name : **DKM Construction Sealant Premium**

Revision Date : 18.05.2017

Version : 2.1 /en



Replaces version from : 15.04.2015

Print date : 18.05.2017

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

1.1 Product identifier

Commercial Product Name **DKM Construction Sealant Premium**

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

Relevant identified uses For elastic bonding and sealing for indoor and outdoor use.

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

2.2 Label elements

Hazard pictogram

Signal word Exempt

H-statement(s) Exempt

P-statement(s) Exempt

Further information

EUH208: Contains 3-(2-aminoethylamino)-propyltrimethoxysilane; N-[3-(Dimethoxymethylsilyl)propyl]ethylenediamin, dioctyltinbis(acetylacetonate), Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

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SECTION 3: Composition/information on ingredients

Hazardous ingredients

Ingredient		Classification (EC) 1272/2008	Concentration
trimethoxyvinylsilane	CAS No. : 2768-02-7 EC-No. : 220-449-8 REACH No. : 01-2119513215-52	Flam. Liq. 3; H226 Acute Tox. 4; H332	2.5 - 10.0 % 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 (CO2) Dry powder Foam Water spray jet
Extinguishing media which must not be used for safety reasons	High volume water jet

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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.

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

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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)
Recommended storage temperature	+5 °C – +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	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
Odour	characteristic
pH	not determined
Melting point [°C] / Freezing point [°C]	not determined
Boiling point [°C]	270
Flash point [°C]	227
Evaporation rate [kg/(s*m ²)]	No data available
Explosion limits [Vol-%]	
Lower limit :	0,1
Upper limit :	0,2
Vapour pressure [kPa]	not determined
Density [g/cm ³]	1,58
Water solubility [g/l]	immiscible
Autoinflammability	not auto-flammable
Viscosity, dynamic [kg/(m*s)]	not determined
Explosive properties	Not explosive
Risk of explosion.	not explosive.

9.2 Other information

Ignition temperature [°C]	not determined
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SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition	No decomposition if stored and applied as directed.
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10.2 Chemical stability

Chemical stability	Stable under recommended storage conditions.
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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

Trimethoxyvinylsilan

Oral toxicity [mg/kg]	Test criterion	Test species	Remarks	Source
7120	LD50	Rat.	OECD 401	100

Source : 100 - Company data

Dermal toxicity [mg/kg]	Test criterion	Test species	Duration	Remarks	Source
3,36	LD50	rabbit	24 h	OECD 402	100

Source : 100 - Company data

LC50 Inhalation 4h for gases [ppm]	Test criterion	Test species	Note	Exposure duration	Source
2773	LC50	Rat.	OECD 403	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.

11.2 Additional information

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

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

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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, ADN, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information

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

VOC 2,4 % - 37,9 g/l

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 H226: Flammable liquid and vapour.
H332: Harmful if inhaled.
EUH208: Contains 3-(2-aminoethylamino)-propyltrimethoxysilane; N-[3-(Dimethoxymethylsilyl)propyl]ethylenediamin, dioctyltinbis(acetylacetonate), Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

Wording of the hazard classes Flam. Liq.: Flammable liquid
Acute Tox.: Acute toxicity

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

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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.