

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

Commercial Product Name: Roof Sealant DD



innovative solutions

Revision Date: 26.06.2020

Version: 7/en

Replaces version from: 12.11.2019

Print date: 30.06.2020

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

1.1 Product identifier

Commercial Product Name **Roof Sealant DD**

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

Relevant identified uses Seals along chimney flashing. Seals along roofing materials made of bitumen and plastic films. Seals on gutters made of metal or plastic. Seals at antenna and ventilation ducts.

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 Flam. Liq. 3; H226 Aquatic Chronic 3; H412

2.2 Label elements

Hazard pictogram



GHS02

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Signal word	Warning
H-statement(s)	H226: Flammable liquid and vapour. H412: Harmful to aquatic life with long lasting effects.
*P-statement(s)	P280: Wear protective gloves/protective clothing/eye protection/face protection. P403+P235: Store in a well-ventilated place. Keep cool. P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P501: Dispose of contents/container to special waste treatment .
*Further information	EUH066: Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
Hydrocarbons, C9, aromatics	EC-No.: 918-668-5 REACH No.: 01-2119455851-35	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 STOT SE 3; H335 H336	10.0 - 20.0 % 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.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO2) Dry powder
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	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.
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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.
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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).
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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".
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6.5 Additional information

Other information	Dispose of in accordance with local regulations.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	None under normal processing.
Precautions	Caution: containing flammable liquids.

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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.

TRGS 510 LGK 3

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 Wear protective gloves.

Suitable material butyl-rubber, Chloroprene, Nitrile rubber

Unsuitable material PVC disposable gloves

Material thickness $\geq 0,5$ mm

Break through time >120 min

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.
Use protective skin cream before handling the product.

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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	dark brown
Odour	characteristic
Odour threshold	not determined
pH	not determined
Melting point [°C] / Freezing point [°C]	not determined
*Initial boiling point [°C] and boiling range [°C]	145
Flash point [°C]	32
Evaporation rate [kg/(s*m ²)]	
Pressure	No data available No data available
Flammability (solid, gas)	No data available
Explosion limits [Vol-%]	
Lower limit	0,6
Upper limit	6,5
*Vapour pressure [kPa]	0,6
*Density [g/cm ³]	1,2
Relative density	not determined
Water solubility [g/l]	insoluble
Partition coefficient n-octanol /water (log P O/W)	No data available
Autoignition temperature [°C]	not determined
Autoinflammability	not determined
Decomposition temperature [°C]	not determined
Viscosity, dynamic [kg/(m*s)]	not determined
*Viscosity, kinematic [mm ² /s]	> 20,5
*Risk of explosion.	not explosive.

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9.2 Other information

*Solvent separation test [%] < 3

SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

Chemical stability Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

*Hazardous reactions Vapours can form explosive mixtures with air.

10.4 Conditions to avoid

Conditions to avoid No decomposition if used as directed.

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, C9, aromatics			
Value	Test criterion	Test species	Source
3492	LD50	Rat	Company data

Dermal toxicity [mg/kg]

Hazardous ingredients

* Hydrocarbons, C9, aromatics			
Value	Test criterion	Test species	Source
3160	LD50	rat	Company data

Inhalative toxicity [mg/l]

Hazardous ingredients

Hydrocarbons, C9, aromatics				
Value	Test criterion	Test species	Exposure duration	Source
> 6193	LC50	rat	4 h	Company data

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Irritant effect on skin	Based on available data, the classification criteria are not met.
Irritant effect on eyes	Based on available data, the classification criteria are not met.
Irritant effect on the respiratory tract	Einatmen hoher Dampfkonzentrationen kann zu Symptomen wie Kopfschmerzen, Schwindel, Müdigkeit, Übelkeit, etc. führen.
Sensitization	Based on available data, the classification criteria are not met.
Carcinogenic effects	Based on available data, the classification criteria are not met.
Mutagenicity	Based on available data, the classification criteria are not met.
Reproduction toxicity	Based on available data, the classification criteria are not met.
Caustic effect	Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure) [mg/kg]	
Remarks	Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure) [mg/kg]	
Remarks	Based on available data, the classification criteria are not met.

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, C9, aromatics			
Value	Test criterion	Exposure duration	Source
9,2	LC50	96 h	Company data

Toxicity to daphnia [mg/l]

Hazardous ingredients

* Hydrocarbons, C9, aromatics			
Value	Test criterion	Test species	Source
3,2	EC50	Daphnia magna (Big water flea)	Company data

Toxicity to algae [mg/l]

Hazardous ingredients

* Hydrocarbons, C9, aromatics			
Value	Test criterion	Exposure duration	Source
2,9	ErC50:	72 h	Company data

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12.2 Persistence and degradability

Biodegradability

Hazardous ingredients

* Hydrocarbons, C9, aromatics

Remarks	Source
Readily biodegradable.	Company data

12.3 Bioaccumulative potential

Bioaccumulation There is no data available for this product.

12.4 Mobility in soil

Mobility There is no data available for this product.

12.5 Results of PBT and vPvB assessment

*Results of PBT and vPvB assessment This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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 080111 - waste paint and varnish containing organic solvents or other dangerous substances
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

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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
14.1 UN-No	1263	1263	1263
14.2 Description of the goods	PAINT	PAINT	Paint
14.3 Transport hazard class(es)	3	3	3
14.4 Packaging group	III	III	III
Remarks	(including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base); LQ: 5 L	(including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base); LQ: 5 L	(including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)
Labels	3	3	3
Risk No.	30		
Category	3		
Classification Code	F1		
SP 640	640E		
Tunnel restriction code	D/E		
14.2 UN proper shipping name		PAINT	Paint
EmS		F-E;_S-E	
Stowage category		A	

SECTION 15: Regulatory information

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

*VOC 16 %; 192 g/L

15.2 Chemical safety assessment

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

Additional regulations This Safety Data Sheet is prepared according to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 16: Other information

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

Relevant H-phrases H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.

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H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Wording of the hazard classes
Flam. Liq.: Flammable liquid
Asp. Tox.: Aspiration hazard
Aquatic Chronic: Hazardous to the aquatic environment
STOT SE: Specific target organ toxicity - single exposure

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification	Evaluation
Flam. Liq. 3; H226	Calculated
Aquatic Chronic 3; H412	Calculated

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.