

Trade name: ERKOSIL
Safety data sheet in accordance with 91/155/EEC
 Date of printing : 05.04.2005

01. Identification

01.01 Product details	
01.01.01. Trade name	ERKOSIL
01.02. Identification of the manufacturer	
01.02.01. Address	ERKODENT Erich Kopp GmbH, Siemensstr. 3, D-72285 Pfalzgrafenweiler
01.02.02. Information provided by	Chemie
01.02.03. Telephone number	Tel.: (+49) (0) 7445 / 85 01 - 0, Fax: (+49) (0) 7445 / 20 92
01.02.04. Emergency telephone number :	

02. Composition/information on ingredients

02.01. Chemical characterization	Polydimethylsiloxan, filler
02.02. Substance / product identification	-
02.03. Hazardous ingredients	-
02.04. Additional information	-

03. Hazards possibilities

03.01. Hazard designation	-
03.02. Particular information pertaining specific risk for human / environment	No special hazards have to be mentioned.

04. First aid measures

04.01. General Information	
04.02. First aid measures / inhalation.	Ensure supply of fresh air.
04.03. First aid measures / skin contact.	In case of contact with skin wash off immediately with plenty of water.
04.04. First aid measures / eye contact.	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
04.05. First aid measures / ingestion..	Do not induce vomiting - aspiration hazard. Drink water in small gulps.
04.06. Advice to doctor	

05. Fire-fighting measures

05.01. Suitable extinguishing media	water spray jet carbon dioxide. dry powder foam
05.02. Extinguishing media that must not be used for safety reasons	-
05.03. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.	-
05.04. Special protective equipment for firefighting	Use self-contained breathing apparatus.
05.05. Additional informations (chapter 5)	-

06. Accidental release measures

06.01. personal precautions.	Avoid contact with skin, eyes and clothing.
06.02. environmental precautions.	Do not allow to enter drains.
06.03. methods for cleaning up/taking up.	Pick up mechanically.
06.04. Additional informations (chapter 6).	

07. Handling and storage

07.01. Handling	
07.01.01. Hints on safe handling.	No special measures necessary if used correctly. Observe the usual precautions for handling chemicals.
07.01.02. Hints for protection against fire and explosion.	

07.02. Storage	
07.02.01. Requirements for storage rooms and vessels.	-
07.02.02. Hints on storage assembly.	Do not store with strong oxidizing agents.
07.02.03. Further information on storage conditions.	Keep only in the original container, tightly closed, in a well ventilated place.
07.02.04. Storage category	-
07.02.05. Storage stability	-
07.02.06. Recommended storage temperature	10 – 25 °C

08. Exposure controls/personal protection

08.01. Additional hints on technical system design.	-
08.02. Ingredients with occupational exposure limits to be monitored	-

08.03. Personal protective equipment Personal protective equipment Persönliche Schutzausrüstung	
08.03.01. Respiratory protection	-
08.03.02. Hand protection	Protective gloves
08.03.03. Eye protection	safety glasses
08.03.04. Skin protection	light protective clothing
08.03.05. General protective and hygiene measures	Avoid contact with eyes.

09. Physical and chemical properties

09.01. Appearance.	
09.01.01. Form	Highly viscous
09.01.02. Colour	white
09.01.03. Odour	pleasant

09.02. Safety data	
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Changes in physical state

Melting point (decomposition)	> 200	°C	
Flash point			
	> 200	°C	
Ignition temperature			
	400	°C	
self ignition			
explosion limits	-		
Upper explosion limit	-		
Vapour pressure			
	-		
Density			
	1,60	g/cm ³	
solubility			
insoluble		g/l	
Soluble in			
miscible with diethyl ether Hydrocarbons	dispersible	g/l	
pH-Value			
	-		
Viscosity			
Highly viscous			

09.03. Other information (chapter 9.)	-
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10. Stability and reactivity

10.01. Hazardous reactions	Reactions with strong oxidising agents.
10.02. Hazardous decomposition products	Carbon monoxide Carbon dioxide
10.03. Thermal decomposition	-
10.04. Additional informations (chapter 10)	-

11. Toxicological information

11.01. Acute toxicity	-
11.01.01. Acute oral toxicity	LD50 rat > 2000 mg/kg
11.01.02. Acute dermal toxicity	LD50 rat > 2000 mg/kg
11.01.03. Acute inhalational toxicity	-
11.02. Irritant/corrosive effects	-
11.02.01. Irritant effect on skin	-
11.02.02. Irritant effect on eyes	-
11.03. Sensitization	-
11.04. Effects after repeated or prolonged exposition (subacute, subchronic, cronic)	-
11.08. Other information (chapter 11.)	-
11.09. Experiences made in practice.	-
11.10. General remarks.	-

12. Ecological information

12.01. Data on elimination (persistence and degradability) :	
12.01.01. Physico-chemical eliminability	-
12.01.02. Biodegradability	Slightly biodegradable
12.02. Behaviour in environment compartments.	-
12.03. Ecotoxic effect	-
12.03.01. Fish toxicity	-
12.03.02. Daphnia toxicity	-
12.03.03. Algae toxicity	-
12.03.04. Bacteria toxicity	-
12.04. Further ecological information	Ecological data are not available. Do not allow product to reach the drainage.

13. Disposal considerations

13.01. Disposal considerations	
13.01.01. Disposal / product	
13.01.02. Disposal / contaminated packagings.	Completely emptied packagings can be given for recycling.
13.02. Waste code no. / name of waste (for Germany only)	-

14. Transport information

14.01. Land transport ADR/RID	
14.01.01. Class	-
14.01.02. Number/letter	-
14.01.03. Hazard number (Kemler-number)	-
14.01.04. UN number	-
14.01.05. Technical name	-
14.01.06. Remarks	-
14.02. Inland waterways transport ADN/ADNR	
14.02.01. Class	-
14.02.02. Number/letter	-
14.02.03. Category	-
14.02.04. Technical name	-
14.02.05. Remarks	-
14.03. Marine transport IMDG/GGVSee	
14.03.01. Class	-
14.03.02. UN number	-

14.03.03. page	-
14.03.04. EmS	-
14.03.05. MFAG	-
14.03.06. MARINE POLLUTANT	-
14.03.07. Correct technical name	-
14.03.08. Remarks	-

14.04. Air transport ICAO/IATA	
14.04.01. Class	-
14.04.02. UN number	-
14.04.03. page	-
14.04.04. Correct technical name	-
14.04.05. Remarks	-

14.05. Other information (chapter 14.)	-
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15. Regulatory information

15.01. Labelling in accordance with GefStoffV/EC	
The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.	

15.02. Other regulations	
15.02.01. Restriction of occupation.	-
15.02.02. Decree for case of interference / remarks (for Germany only).	-
15.02.03. Classification according to VbF / remarks (for Germany only).	-
15.02.04. TA-Luft (Ger.)	-
15.02.05. Water Hazard Class (Ger.)	-
15.02.06. Other regulations, restrictions and prohibition regulations (for Germany only)	-

16. Other information (chapter 16.).

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(n.a. = Not applicable; n.b.= not determined)

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.