

Trade name: Erkoskin**Safety data sheet in accordance with 91/155/EEC**

Date of printing : 03.11.2000

01. Identification

01.01 Product details	
01.01.01. Trade name	Erkoskin
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	Latex Dispersion, Ammonia < 1%
02.02. Substance / product identification	-
02.03. Hazardous ingredients	None.
02.04. Additional information	-

03. Hazards possibilities

03.01. Hazard designation	-
03.02. Particular information pertaining specific risk for human / environment	-

04. First aid measures

04.01. General Information	
04.02. First aid measures / inhalation.	Take medical treatment.
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 the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution.
04.05. First aid measures / ingestion.	Rinse out mouth and give plenty of water to drink., Seek medical advice immediately.
04.06. Advice to doctor	-

05. Fire-fighting measures

05.01. Suitable extinguishing media	n.a.
05.02. Extinguishing media that must not be used for safety reasons	n.a.
05.03. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.	n.a.
05.04. Special protective equipment for firefighting	n.a.
05.05. Additional informations (chapter 5)	-

06. Accidental release measures

06.01. personal precautions.	Ensure adequate ventilation.
06.02. environmental precautions.	Do not discharge into the drains/surface waters/groundwater.
06.03. methods for cleaning up/taking up.	Allow to set, pick up mechanically.
06.04. Additional informations (chapter 6).	-

07. Handling and storage

07.01. Handling	
07.01.01. Hints on safe handling.	Use only in well ventilated areas.
07.01.02. Hints for protection against fire and explosion.	The product is not combustible.

07.02. Storage	
07.02.01. Requirements for storage rooms and vessels.	Do not use containers, lines etc. made of copper or copper alloys.
07.02.02. Hints on storage assembly.	
07.02.03. Further information on storage conditions.	Keep container tightly closed., Protect from frost.
07.02.04. Storage category	-
07.02.05. Storage stability	-
07.02.06. Recommended storage temperature	> 5 °C, < 35 °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	-
08.03.03. Eye protection	safety glasses
08.03.04. Skin protection	-
08.03.05. General protective and hygiene measures	Do not eat, drink or smoke during work time.

09. Physical and chemical properties

09.01. Appearance.	
09.01.01. Form	Dispersion
09.01.02. Colour	blue violet
09.01.03. Odour	pungent, odour of Ammonia

09.02. Safety data	-
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Changes in physical state

Melting temperature	0	°C	
Boiling temperature	100.	°C	
Flash point			
	n.a.	°C	
Ignition temperature			
	n.a.	°C	
self ignition			
explosion limits	n.a.		
Upper explosion limit	n.a.		
Vapour pressure			
	30	mbar	20 °C
Density			
	> 1,0	g/cm3	20 °C
solubility			
	dispersible	g/l	
Soluble in			
	Soluble in ammonia solution	g/l	
pH-Value			
	9 - 11.		
Viscosity			
	n.a.		

09.03. Other information (chapter 9.)	miscible in all proportions
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10. Stability and reactivity

10.01. Hazardous reactions	n.a.
10.02. Hazardous decomposition products	n.a.
10.03. Thermal decomposition	n.a.
10.04. Additional informations (chapter 10)	-

11. Toxicological information

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

12. Ecological information

12.01. Data on elimination (persistence and degradability) :	
12.01.01. Physico-chemical eliminability	n.a.
12.01.02. Biodegradability	Moderately/partially biodegradable
12.02. Behaviour in environment compartments.	n.a.
12.03. Ecotoxic effect	
12.03.01. Fish toxicity	n.a.
12.03.02. Daphnia toxicity	n.a.
12.03.03. Algae toxicity	n.a.
12.03.04. Bacteria toxicity	n.a.
12.04. Further ecological information	Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

13.01. Disposal considerations	
13.01.01. Disposal / product	-
13.01.02. Disposal / contaminated packagings.	Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
13.02. Waste code no. / name of waste (for Germany only)	n.a.

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.
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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.