

**Trade name: ERKOSIT powder**  
**Safety data sheet in accordance with 91/155/EEC**  
 Date of printing : 22.02.2000

**01. Identification**

01.01 Product details	
01.01.01. Trade name	ERKOSIT pulver / ERKOSIT powder
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	Polymethylmethacrylat
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	-

**04. First aid measures**

04.01. General Information	-
04.02. First aid measures / inhalation.	-
04.03. First aid measures / skin contact.	-
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..	-
04.06. Advice to doctor	-

**05. Fire-fighting measures**

05.01. Suitable extinguishing media	foam dry powder carbon dioxide. water mist
05.02. Extinguishing media that must not be used for safety reasons	Full water jet
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	-
05.05. Additional informations (chapter 5)	-

**06. Accidental release measures**

06.01. personal precautions.	-
06.02. environmental precautions.	-
06.03. methods for cleaning up/taking up.	Pick up mechanically. Rinse away rest with water.
06.04. Additional informations (chapter 6).	-

**07. Handling and storage**

07.01. Handling	
07.01.01. Hints on safe handling.	Avoid dust formation.
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.	-
07.02.03. Further information on storage conditions.	Keep container tightly closed, cool and dry.
07.02.04. Storage category	-
07.02.05. Storage stability	-
07.02.06. Recommended storage temperature	-

## 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	Observe the usual precautions when handling chemicals.

## 09. Physical and chemical properties

09.01. Appearance.	
09.01.01. Form	Fine powder
09.01.02. Colour	ivory colours
09.01.03. Odour	slight, product specific

09.02. Safety data	
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### Changes in physical state

Softening temperature	120	°C	
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### Flash point

	> 250	°C	
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### Ignition temperature

	> 400	°C	
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### self ignition

explosion limits	The product is capable of dust explosions.		
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Upper explosion limit			
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### Vapour pressure

	n.a.		
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### Density

	n.b.	g/cm <sup>3</sup>	
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### solubility

	insoluble	g/l	20 °C
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### Soluble in

Soluble in esters Soluble in chlorinated hydrocarbons		g/l	20 °C
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### pH-Value

	n.a.		
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### Viscosity

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

10.01. Hazardous reactions	
10.02. Hazardous decomposition products	Methyl methacrylate
10.03. Thermal decomposition	No decomposition if used as prescribed. > 250 °C
10.04. Additional informations (chapter 10)	

## 11. Toxicological information

11.01. Acute toxicity	
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11.01.01. Acute oral toxicity	-
11.01.02. Acute dermal toxicity	-
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	-
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	Product is insoluble in water. The materail has no harmful effect on the environment.

## 13. Disposal considerations

13.01. Disposal considerations	
13.01.01. Disposal / product	-
13.01.02. Disposal / contaminated packagings.	Uncontaminated packaging may be taken 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.