

**Trade name: Plaster**  
**Safety data sheet in accordance with 91/155/EEC**  
 Date of printing : 04.03.2004

**01. Identification**

01.01 Product details	
01.01.01. Trade name	Plaster
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	Calciumsulfat-Hemihydrat
02.02. Substance / product identification	CAS-Nr. 10034-76-1; EINECS-Nr. 2319003
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	No special hazards have to be mentioned.

**04. First aid measures**

04.01. General Information	No special measures necessary.
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 with warm 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., By continuous complaints consult a physician.
04.06. Advice to doctor	

**05. Fire-fighting measures**

05.01. Suitable extinguishing media	Product itself is non-combustible; Fire extinguishing method of surrounding areas must be discussed., 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.	Sulphur trioxide (SO <sub>3</sub> )
05.04. Special protective equipment for firefighting	-
05.05. Additional informations (chapter 5)	-

**06. Accidental release measures**

06.01. personal precautions.	Avoid dust formation., Use personal protective clothing.
06.02. environmental precautions.	-
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.	Avoid dust formation., Provide exhaust ventilation if dust is formed.
07.01.02. Hints for protection against fire and	The product is not combustible.

explosion.	
<b>07.02. Storage</b>	
07.02.01. Requirements for storage rooms and vessels.	Store product in closed containers.
07.02.02. Hints on storage assembly.	-
07.02.03. Further information on storage conditions.	Keep container tightly closed and dry., Protect against wetness.
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	Calziumsulfat x 0,5 H <sub>2</sub> O: MAK 6F mg/m <sup>3</sup> (50-100%) CAS-Nr. 10034-76-1
<b>08.03. Personal protective equipment</b> Personal protective equipment Persönliche Schutzausrüstung	
08.03.01. Respiratory protection	Dust mask, Short term: filter apparatus, Filter P1
08.03.02. Hand protection	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

<b>09.01. Appearance.</b>	
09.01.01. Form	Fine powder
09.01.02. Colour	Various, depending on coloration
09.01.03. Odour	characteristic

<b>09.02. Safety data</b>	
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### Changes in physical state

Melting range	> 1400	°C	
Flash point			
	n.a.	°C	
Ignition temperature			
	n.a.	°C	
self ignition			
explosion limits	n.a.		
Upper explosion limit	n.a.		
Vapour pressure			
	-		
Density			
ca.	2,6	g/cm <sup>3</sup>	20 °C
solubility			
	2	g/l	20 °C
Soluble in			
		g/l	
pH-Value			
	4 - 8	Suspension in water	20 °C
Viscosity			
	n.b.		

<b>09.03. Other information ( chapter 9.)</b>	-
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## 10. Stability and reactivity

10.01. Hazardous reactions	-
10.02. Hazardous decomposition products	Sulphur trioxide (SO <sub>3</sub> ) >1000 °C
10.03. Thermal decomposition	No decomposition if used as prescribed.

10.04. Additional informations (chapter 10)	-
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## 11. Toxicological information

11.01. Acute toxicity	-
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	slight irritant effect - does not require labelling
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.	When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

## 12. Ecological information

12.01. Data on elimination ( persistence and degradability) :	
12.01.01. Physico-chemical eliminability	-
12.01.02. Biodegradability	The product is only slightly biodegradable in view of the desired stability.
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	-

## 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)	31438 Gipsabfälle

## 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.)	0
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.