

SAFETY DATA SHEET ACC. TO 91/155/EEC

Date of Printing:

14.08.2003

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Product: ARTICULATION PLASTER natural

1. MATERIAL/PREPARATION AND COMPANY DESCRIPTION

Product, Trade Name Details:

ARTICULATION PLASTER, natural

Manufacturer/Dispatcher Details:

ERNST HINRICHS GMBH
DENTAL AND PLASTER PREPARATIONS
BORSIGSTR.1
D-38644 GOSLAR

Tel. (0 53 21) 5 06 24, 5 06 25

Fax. (0 53 21) 5 08 81

2. COMPOSITION/COMPONENTS DATA

Chemical Characterisation:

$\text{CaSO}_4 \cdot x\text{H}_2\text{O}$ ($x = 0, \frac{1}{2}, 2$)

HAZARDOUS INGREDIENTS

none

3. POSSIBLE HAZARDS

hazard designation:

none

hazard instructions for people and environment:

none

4. FIRST AID MEASURES

4.1 Swallowing: Drink a lot of water and consult a doctor.

4.2 Inhalation: With high dust concentration, an adequate supply of fresh air should be ensured, and affected persons should be removed from severely exposed areas. If complaints persist, please see a doctor.

5. FIREFIGHTING MEASURES

The product is not flammable or explosive. Special hazards are not given through the material, its combustion products or issuing gases. If a fire is being extinguished, greater build-up of dust should be prevented.

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6. MEASURES FOR ACCIDENTAL EXPOSURE

mechanical and dry picking-up

7. HANDLING AND STORAGE

Handling: no particular measures necessary when properly handled.

Storage: store dry, keep packings closed, protect from dampness

8. LIMITING EXPOSURE AND PERSONAL PROTECTIVE CLOTHING

Components with working-place related limits to be monitored:

Designation:	limit (TRGS 900):
CaSO ₄ 85 %	MAK 6 mg / cubic metre (only applicable for fine dust)

Personal Protective Clothing:

Observe general measures for protection and hygiene.

Maintain general dust limit value of 6 mg / cubic metre

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form: Powder
Colour: White
Odour: Odourless
Change of State: N/A

Safety-Related Data:

Melting Point: in CaSO₄ and H₂O at 140 ° C
in CaO and SO₃ at appr. 1.000 ° C

Flash Point: Not flammable
Flammability: Not flammable
Self-Flammability: -
Risk of Explosion: None
Steam Pressure: -
Density at a temperature of 20°C: 5,0 – 7,0
Bulk density at a temperature of 20°C: 1.100 – 1.200 kg / m³
Solubility in water/ mixable with water at a temperature of 20°C: 2 g / litre
pH-value (10 g / litre) at a temperature of 20 °C: not applicable in delivery state

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10. STABILITY AND REACTIVITY

dangerous decomposition product: SO₃ respectively SO₃-dust

11. TOXICOLOGY DATA

non toxic

12. ECOLOGY DATA

not ecologically risky

13. WASTE DISPOSAL TIPS

Can be disposed of as building waste (key 314 09) in accordance with the specific applicable legal regulations

Remaining material should be recycled as well as its containers.

14. TRANSPORT DATA

No hazardous materials according to transport regulations. The product is not a hazardous working material.

15. REGULATIONS

National Regulations: According to the current Hazardous Material Ordinance (GefStoffV), the product does not have to be labelled.

16. OTHER DATA

The above data is supported by the current state of our knowledge and does not constitute any warranty of properties. It should help only in carrying out suitable safety measures.