

MATERIAL SAFETY DATA SHEET (According to 91/155 EC)

Date of printing: 13.07.2009 reviewed on: 29.05.2009

Hinrigel



ERNST HINRICHS GmbH
Dental- und Gipspräparate

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1. Identification of the substance/preparation and company/undertaking

Product information

Product name: **Hinrigel - duplicating gel**

Manufacturer/supplier

ERNST HINRICHS GMBH

Dental and gypsum products

Borsigstrasse 1

D-38644 Goslar

Tel. +49 (0) 53 21- 5 06 24, 5 06 25

Fax. +49 (0) 53 21 - 5 08 81

eMail: info@hinrichs-dental.de

2. Composition / information on ingredients

Chemical properties (component substances):

Glycerine, aluminium sulphate, Propantriol

Dangerous contents: none

Additional guidelines: none

3. Hazards identification

Description of dangers : not applicable

Special guidelines concerning dangers to humans and the environment : none

4. First-aid measures

If eye contact : wash out with plenty of water and consult doctor

If skin contact: if the material comes into contact in melted state, cool down with water quickly

5. Fire-fighting measures

Suitable quenching agents: All suitable quenching agents, product itself is not combustible.

Particular danger caused by material, its combustion products or gases produced: none

Special protective equipment: none

6. Accidental release measures

Procedure for cleaning / absorption: absorb mechanically, take up in a dry state

7. Handling and storage

Handling: No special measures available.

Storage: Store properly in a closed container at a dry place.

8. Exposure controls/personal protection

Components with work-place related limits:

Follow the usual work hygiene, do not eat and drink while working with Hinrigel!

Personal protective equipment:

- **respiratory tract:** not necessary

- **hands:** protection gloves

9. Physical and chemical properties

Form: solid (at room temperature of 20° C)

colour: green

Odour: almost odourless **Change of state:** ---

Solidification: 40° C

flammability: --- **Ignition temperature:** ---

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Spontaneous ignition:	---	Danger of explosion:	---
Oxidizing properties:	---	Vapour pressure:	---
Boiling point:			
Density:	approx. 1,15 g/cm ³		
Melting point:	90° C		
Solubility:	---		
pH value:	7 (at 50° C)		

10. Stability and reactivity

Thermal decomposition: No decomposition if used according to the product's purpose.

11. Toxicological information

Oral toxicity: species rat > 5.000 mg / kg

Skin irritation: non irritating

Eye irritation: non irritating

Sensibilisation: not applicable

12. Ecological information

Hinrigel is bio-degradable.

13. Disposal considerations

Can be disposed of with domestic garbage according to your regional regulations.

14. Transport information

Not regulated by national or international transportation regulations. No storage near to food.

15. Regulatory information

16. Other information

The above mentioned information is based on our current state of knowledge and does not constitute any warranty of properties. It should only help in carrying out suitable safety measures.