

# MATERIAL SAFETY DATA SHEET

## (According to 91/155 EC)

Date of printing: 22.08.2011

reviewed on: 29.05.2009



## Marmogel

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

#### Product information

Product name: **Marmogel - 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):

Mixture of polyvalent alcoholics, agar-agar and water.

### 3. Hazards identification

10100 No particular hazards known.

### 4. First-aid measures

**If eye contact** : Rinse thoroughly with water.

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

### 5. Fire-fighting measures

**Suitable extinguishing media**: Product itself is not combustible; Fire extinguishing method of surrounding areas must be discussed.

### 6. Accidental release measures

**Methods for cleaning up / taking up**: Take up mechanically.

### 7. Handling and storage

**Storage**: Keep container tightly closed.

### 8. Exposure controls/personal protection

**Hygiene measures**: Do not eat or drink when working. Wash hands before breaks and after work.

### 9. Physical and chemical properties

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

**colour**: green

**Odour**: almost odourless

**Change in physical state 1**: solid - liquid and others

**Freezing temperature**: 40 °C

**Melting temperature**: 90°C

**Density / remarks**: 1,05 g/cm<sup>3</sup>

**Solubility in water miscible**: 90°C

### 10. Stability and reactivity

**Hazardous reactions**: No hazardous reactions known.

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

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#### **11. Toxicological information**

**Akute oral toxicity:** species rat > 5.000 mg / kg

**Skin irritation:** non irritating

**Eye irritation:** non irritating

**Sensibilisation:** non sensitising

#### **12. Ecological information**

Physico-chemical eliminability: The product is biodegradable.

#### **13. Disposal considerations**

Disposal product: Can be disposed of or incinerated together with household refuse.

Waste code no. (only EC): 200301

Disposal contaminated packaging: Uncontaminated packaging may be taken for recycling.

#### **14. Transport information**

No dangerous good.

#### **15. Regulatory information**

**Labelling:** The product does not require a hazard warning label in accordance with EC directives / German regulations on dangerous substances.

**Water hazard class:** No water hazardous.

#### **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. It does not guarantee of the properties product.