

# Material Safety Data Sheet

Revision Date: 2.8.2005

(91/155/EWG)

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## 1. Chemical product and company identification

**Product name:**

Honigum

**Supplier:**

DMG, Dental-Material Gesellschaft mbH  
D 22531 Hamburg, telephone : (+49) 040 - 84 00 60

## 2. Composition / Information on ingredients

**Common chemical name / Generic name:**

Preparation of vinyltrimethylpolysiloxane, platinum complexes and silica.

## 3. Hazards Identification

None, if handled according to directions.  
No labelling of hazardous ingredients required.

## 4. First-aid measures

**In case of inhalation:** Not applicable.  
**In case of skin contact:** Wash with soap and water.  
**In case of eye contact :** Immediately rinse with plenty of water, seek medical advice.  
**In case of ingestion:** Consult a physician.

## 5. Fire-fighting measures

**Extinguishing media:** Powder, sand, foam, carbon dioxide, water spray.  
**Not suitable extinguishing media:** Direct jet of water.

## 6. Accidental release measures

**Personal precautions:** Wear suitable protective clothing.  
**Environmental precautions:** Avoid pollution of water and sewage.  
**Methods for cleaning up:** Take up mechanically, with inert fluid-binding material.

## 7. Handling and storage

**Handling:**  
**Technical measures:** Keep container tightly closed.  
**Safe handling advice:** Wear suitable gloves. Avoid contact with eyes.

**Storage:**  
**Technical measures:** No special precautions necessary.  
**Storage conditions:** Keep container tightly closed.  
**Recommended packaging material:** Container of glass or metal or solvent-stable plastics.

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## 8. Exposure controls/personal protection

**Engineering measures:** No special precautions necessary.

**Personal protective equipment:**

**Respiratory protection:** Non volatile vapours.

**Hand and skin protection:** Rubber gloves.

**Eye protection:** Goggles.

**Hygiene measures:** When using do not eat or drink.

## 9. Physical und chemical properties

**Appearance:** Pasty or viscous liquid in different colorations.

**Odour:** Weak or fruity

**pH-value:** Not applicable

**Changes in physical state:**

**Boiling temperature:** > 300 °C

**Decomposition temperature:** ca. 100 °C

**Flashpoint:** > 130 °C

**Ignition temperature:** > 400 °C

**Explosion properties:** not established

**Vapour pressure:** < 100 mbar

**Rel. vapour density:** > 1

**Density:** 1.2 - 1.7 g/cm<sup>3</sup>

**Solubility in water:** insoluble

## 10. Stability and reactivity

**Thermal decomposition:** None, if handled and stored according to directions.

At ca. 100 °C in presence of air evolution of small amounts of formaldehyd by oxidative degradation.

**Hazardous reactions:** In presence of water evolution of small amounts of hydrogen possible.

**Conditions to avoid:** Heat.

**Hazardous decomposition products:** Formaldehyd, hydrogen.

## 11. Toxicological information

**Acute orale toxicity:** LD<sub>50</sub> (rat) > 5000 mg/kg

**Irritation of skin :** Not irritating.

**Irritation of eye:** Not irritating (rabbit, 24 h). On prolonged exposure irritation possible.

## 12. Ecological information

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**Persistence und degradability:** No data available for the preparation. Partially degradable (components).

**Ecotoxicity:** Fish toxicity LC<sub>50</sub> > 200 mg/l / 96 h.

## 13. Disposal considerations

**Waste from residues:** Dispose to an authorised waste collection point. Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

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<b>14. Transport information</b>  <b>Additional information:</b> Not dangerous transport goods.
<b>15. Regulatory information</b>  <b>Labelling according to international regulations:</b> No labelling.
<b>16. Other information</b>  None.

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.