

Material Safety Data Sheet

Revision Date: 10.02.2010

(EC 1907/2006)

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1. Chemical product and company identification

Product name:

O-Bite

Supplier:

DMG Chemisch-Pharmazeutische Fabrik GmbH

Elbgaustraße 248

22547 Hamburg

Germany

Fon: +49. (0) 40. 84006-0

Fax: +49. (0) 40. 84006-222

info@dmg-dental.com

www.dmg-dental.com

Emergency contact: Infotrac-(800)535-5053

2. Hazards Identification

None, if handled according to directions.

No labelling of hazardous ingredients required.

3. Composition / Information on ingredients

Common chemical name / Generic name:

Preparation of vinyl dimethyl polysiloxane, platinum complexes and silica.

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.

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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.

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/cm³

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.

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11 Toxicological information <ul style="list-style-type: none">Acute orale toxicity: LD₅₀ (rat) > 5000 mg/kgIrritation of skin : Not irritating.Irritation of eye: Not irritating (rabbit, 24 h). On prolonged exposure irritation possible.
12 Ecological information <ul style="list-style-type: none">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 LC₅₀ > 200 mg/l / 96 h.
13 Disposal considerations <ul style="list-style-type: none">Waste from residues: Dispose to an authorised waste collection point. Use proper landfill disposal or incineration in accordance with local, state and federal regulations.
14 Transport information <ul style="list-style-type: none">Additional information: Not dangerous transport goods.
15 Regulatory information <ul style="list-style-type: none">Labelling according to international regulations: No labelling.
16 Other information <ul style="list-style-type: none">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.