

Material Safety Data Sheet

Revision Date: 2.8.2005

(91/155/EWG)

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1. Chemical product and company identification

Product name:

TempoCem NE

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 based on zinc oxide and fatty acids.

3. Hazards Identification

None, if handled according to directions.

4. First-aid measures

In case of inhalation: In case of prolonged exposure take patient to open air.

In case of skin contact: Wash with soap and water.

In case of eye contact : Rinse with plenty of water, consult a physician.

In case of ingestion: Immediately seek medical advice.

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: Use only in well-ventilated areas.

Environmental precautions: Do not empty into drains.

Methods for cleaning up: Take up mechanically.

7. Handling and storage

Handling:

Technical measures: Keep container tightly closed.

Safe handling advice: Wear suitable gloves. Avoid contact with eyes.

Storage:

Technical measures: Keep container in a well-ventilated place.

Storage conditions: Keep container tightly closed. Keep in a dark, cool place.

Recommended packaging material: Container of solvent-stable plastics.

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8. Exposure controls/personal protection

Engineering measures: Use only in well-ventilated areas.

Personal protective equipment:

Respiratory protection: Do not breathe vapour.

Hand and skin protection: Rubber gloves.

Eye protection: Goggles.

Hygiene measures: When using do not eat or drink.

9. Physical und chemical properties

Appearance: brownish/white paste

Odour: weak rancid

pH-value: not applicable

Changes in physical state:

Boiling temperature: > 200 °C

Decomposition temperature: > 130 °C

Flashpoint: > 110 °C

Ignition temperature: > 300 °C

Explosion properties: not established

Vapour pressure: < 1 mbar / 20 °C

Rel. vapour density: > 1

Density: ca. 2.3 g/cm³

Solubility in water: little

10. Stability and reactivity

Thermal decomposition: at ca. 130 °C

No decomposition, if handled according to directions.

Hazardous reactions: None, if handled and stored according to directions.

Conditions to avoid: Heat.

Materials to avoid: Strong acids.

Hazardous decomposition products: In case of fire acrid fumes.

11. Toxicological information

Acute oral toxicity: LD₅₀ (Ratte) > 2000 mg/kg

Irritation of skin : Irritating on prolonged exposure.

Irritation of eye: Irritating on prolonged exposure.

12. Ecological information

Do not discharge into drains or the environment.

Persistence und degradability: No data available for the preparation.

Components partially easily degradable.

13. Disposal considerations

Waste from residues: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

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14. Transport information Additional information: Not dangerous cargo.
15. Regulatory information Labelling according international regulations: No labelling.
16. Other information 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.