

Material Safety Data Sheet

Revision Date: 18.6.1998

(91/155/EWG)

Page 1 of 2

4500-21-03

1. Chemical product and company identification

Product name: TempoCemNE

Supplier: DMG, Dental-Material Gesellschaft mbH
22531 Hamburg, Germany, Phone : +49 40 84 00 60

Emergency contact: Infotrac-(800)535-5053

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.

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.

Material Safety Data Sheet

Trade name: TempoCemNE
4500-21-03

Revision date: 18.6.1998

Page 2 of 2

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 and 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.

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.