

Material Safety Data Sheet

Revision Date: 09.06.2009

(EC 1907/2006)

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1300-24-08

1. Chemical product and company identification

Product name:

Luxatemp

Supplier:

DMG Chemisch-Pharmazeutische Fabrik GmbH

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22547 Hamburg

Germany

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Emergency contact: Infotrac-(800)535-5053

2. Hazards Identification

None, if handled according to directions.

Irritating to eyes, respiratory system and skin.

3. Composition / Information on ingredients

Common chemical name / Generic name:

Preparation of acrylic resin, glass powder and silica.

Contains urethane dimethacrylate, aromatic dimethacrylate, glycol methacrylate.

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 : Immediately 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: 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: 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.

9. Physical und chemical properties

Appearance: Yellowish viscous liquid.

Odour: Esterlike, weak.

pH-value: ca. 7.0

Changes in physical state:

Boiling temperature: > 250 °C

Decomposition temperature: > 200 °C

Flashpoint: > 150 °C

Ignition temperature: > 380 °C

Explosion properties: not applicable.

Vapour pressure: < 1 mbar/ 20 °C

rel. vapour density: > 1

Density: ca. 1.5 g/cm³

Solubility in water: ca. 1 %

10 Stability and reactivity

• **Thermal decomposition:** at ca. 200 °C

No decomposition, if handled and stored according to directions.

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

Conditions to avoid: Heat, light.

Materials to avoid: Free radicals, reducing agents, heavy metal ions..

Hazardous decomposition products: In case of fire acrid acrylic fumes.

Cures on exposure to free radicals or UV-light.

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11 Toxicological information

- **Acute oral toxicity:** LD₅₀ (Ratte) > 5000 mg/kg.
Irritation of skin : Irritating on prolonged exposure.
Irritation of eye: Irritating on prolonged exposure.
Specific effects: Allergic reactions to methacrylates are possible.

12 Ecological information

- Do not discharge into drains or the environment.

Persistence und degradability: No data available for the preparation.
Well disposable, for components up to 9 %.
Ecotoxicity: Fish toxicity LC₅₀ > 360 mg/l / 48 h (for water-soluble components).

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 to international regulations:** Xi, irritant. Contains methacrylic ester.
Symbols of danger: St Andrew's cross.
R-Phrases: 36/37/38
Irritating to eyes, respiratory system and skin.
S-Phrases: 26 - 28
In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
After contact with skin wash immediately with plenty of water and soap.

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.