

Material Safety Data Sheet

(EC 1907/2006)
2600-21-03

Revision Date: 23.04.2009

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1. Chemical product and company identification

Product name:

Icon-Infiltrant

Supplier:

DMG Chemisch-Pharmazeutische Fabrik GmbH

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2. Hazards Identification

None, if handled according to directions.

Irritating to eyes and skin. May cause sensitization by skin contact.

3. Composition / Information on ingredients

Yellowish liquid. Preparation of acrylic resins.

Hazardous ingredients:

Aliphatic dimethacrylates Xi, R36/38, R43

4. First-aid measures

In case of inhalation: Fresh air. Call in physician.

In case of skin contact: Wash off with soap and plenty of water. Immediately remove contaminated clothing.

In case of eye contact: Rinse out with plenty of water for at least 10 minutes with eyelid held wide open. Immediately call in ophthalmologist.

In case of ingestion: Immediately call in physician.

5. Fire-fighting measures

Extinguishing media: Powder, sand, foam, carbon dioxide.

Not suitable extinguishing media: direct jet of water

6. Accidental release measures

Personal precautions: Avoid contact. Do not inhale vapours. 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. Keep container in a dark, well-ventilated place at +15 to 25 °C.

Recommended packaging material: Container of glass.

8. Exposure controls/personal protection

Special control parameter:

Aliphatic dimethacrylates. Danger of sensitization.

Engineering measures: Avoid splashing. Use only in well-ventilated areas.

Personal protective equipment:

Respiratory protection: requires when vapours/aerosols are generated filter E-(P2).

Hand and skin protection: Rubber gloves. Suitable: Natural latex, layer thickness: 0.6 mm, breakthrough time: > 10 min

Eye protection: Goggles.

Hygiene measures: When using do not eat or drink.

9. Physical und chemical properties

Appearance: Yellowish liquid

Odour: esterlike

pH-value: not applicable

Changes in physical state:

Boiling temperature: 250 °C

Flashpoint: 100 °C

Ignition temperature: not available.

Explosion properties: not available.

Vapour pressure: ca. 1,3 hPa/20 °C

Density: ca. 1 g/cm³

Solubility in water: miscible

10. Stability and reactivity

Thermal decomposition: No decomposition, if handled according to directions.

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

Conditions to avoid: Strong heating, light.

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

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

Cures on exposure to visible or UV-light. Cures on exposure to free radicals.

11. Toxicological information

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

Further toxicological information:
May cause sensitization.

After inhalation: Irritation symptoms in the respiratory tract.

After skin contact: Irritations. Risk of sensitization.

After eye contact: Irritations.

After swallowing: Irritation of the mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

12. Ecological information

Do not discharge into drains or the environment.

Mobility: No data available.

Persistence und degradability: No data available for the preparation.

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.

14. Transport information

Additional information: Not dangerous cargo.

15. Regulatory information

Labelling according international regulations: Xi, Irritant. Contains methacrylic ester.

Symbols of danger:



R-Phrases: 36/38 - 43

Irritating to eyes and skin. May cause sensitization by skin contact.

S-Phrases: 26 – 28 – 36/37/39

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. Wear suitable protective clothing, gloves and eye/face protection.

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16. Other information

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.