

Material Safety Data Sheet

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FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week

Date Revised: June 5, 2006

1. Chemical product and company identification

Product Name: GlossCote® Light-Cured Acrylic Varnish
Manufacturer:
Sultan Chemists, Inc.
85 W. Forest Ave. – Englewood, NJ 07631 USA
Telephone: 201-871-1232 / Facsimile: 201-871-0321

2. Composition / Information on Hazardous

Ingredients

Common Chemical Name / Generic Name:
Methyl methacrylate monomer, inhibited (CAS# 80-62-6)

3. Hazards Identification

Acute Health Hazards: High concentration of vapor (>1000 PPM) may cause eye and respiratory irritation, prolonged contact with skin can cause irritation, eye contact causes severe irritation and possible corneal damage.

Chronic Health Hazards: Prolonged, repeated exposure may cause skin sensitization in susceptible individuals.

Signs and Symptoms of Exposure: Exposure to vapor can cause eye and respiratory irritation. Symptoms can include irritation, discomfort, tearing, blurred vision, headache, nausea, shortness of breath. Prolonged skin exposure can cause dryness and irritation. Eye contact causes severe irritation.

Primary routes of exposure: inhalation, skin contact, eye contact

Carcinogenicity: NTP – no, OSHA – no, IARC – no.

4. First Aid Measures

In case of inhalation: If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician.

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

In case of eye contact: Flush with large quantities of water for 15 minutes. Consult a physician immediately.

In case of ingestion: Do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Consult a physician immediately.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, water, dry chemical
Special Fire Fighting Procedures: Forms flammable mixtures with air. Flashback possible.

Unusual Fire and Explosion Hazards: Vapors are uninhibited and may form polymer in vents and flame arrestors resulting in stoppage of vents.

6. Accidental Release Measures

Environmental Precautions: Avoid seepage into sewers and water supplies.

Clean-Up Procedure: Contain spill and pick up material with a suitable absorbent material. Place absorbent into a container

for later disposal. Clean spill area with detergent and water.

7. Handling and Storage

Handling: Always wear full protective clothing, gloves and safety goggles. Use explosion proof electrical equipment in work areas.

Storage: Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging.

8. Exposure Controls / Personal Protection

Exposure Controls: Use only in well-ventilated areas.

Respiratory Protection: Avoid inhalation of vapors. No special protection under normal use.

Hand and Skin Protection: Avoid unnecessary skin contact.

Wear latex gloves when handling.

Eye Protection: Wear safety goggles or safety glasses with side shields when handling.

Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

9. Physical and Chemical Properties

Appearance: Yellowish clear liquid.

Odor: Acrid acrylic odor

Boiling Point/Range: 101°C (214°F)

Flash Point: 10°C (50°F) (TCC)

Evaporation Rate: >1 (Water = 1)

Solubility in Water: 1.6% by wt.

Vapor Density: 3.46 (Air = 1)

Percent Volatile: 100%

10. Stability and Reactivity

Stability: This material is stable.

Hazardous Reactions: Hazardous polymerization can occur in the presence of excessive heat, heavy metal contaminants, oxidizers, reducing agents, peroxides and free radical sources.

Hazardous Polymerization: Can occur.

Conditions to Avoid: Sparks, open flames

Incompatibility: Strong acids and oxidizing agents

Hazardous Decomposition Products: Carbon dioxide, water, carbon monoxide, depending on conditions of heating and burning.

11. Toxicological Information

LD-50/LC-50: 7900 mg/kg (rat)

12. Ecological Information

Do not discharge into sewers or water supplies

Environmental persistence and degradability: no data available

Ecotoxicity: no data available

13. Disposal Considerations:

May be disposed of in landfill or incinerator in accordance with local, state and federal regulations.

14. Transport Information:

U.S. DOT Shipping Name: Methyl methacrylate monomer, inhibited

U.S. DOT Hazard Class: 3

U.N. Number: UN1247

U.S. DOT Packing Group: II

Label Required: Flammable Liquid

15. Regulatory Information:

U.S.-O.S.H.A. Status: Flammable Liquid

16. Other Information

Material should be maintained in original containers. Empty containers should not be re-used.

ANSI/NFPA 704 Data: Fire = 3, Health = 2, Reactivity = 2,
Specific Hazard = None

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