

Material Safety Data Sheet

Sultan **Sultan Chemists, Inc.**
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EU Auth. Reg. (MDD 94/9/EEC)
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Hazard Rating

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant
H = Hazardous

0 Flammability
1 Reactivity
0 Specific Hazard

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

1. Chemical product and company identification

Product Name: TempART Acrylic Resin Powder + Intrinsic Modifier Powder, all shades

Manufacturer:

Sultan Chemists, Inc.
85 W. Forest Ave. – Englewood, NJ 07631 USA
Telephone: 201-871-1232 / Facsimile: 201-871-0321

2. Composition / Information on Ingredients

Common Chemical Name / Generic Name:
Proprietary, chemically activated methacrylate copolymer

3. Hazards Identification

Acute Health Hazards: Nuisance dust may cause minor eye and respiratory irritation.

Chronic Health Hazards: Material is not known to cause significant health problems.

Signs and Symptoms of Exposure: Exposure to nuisance dust may cause eye and respiratory 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.

In case of ingestion: Ingestion of small quantities of this material, under normal circumstances would not cause a harmful effect. If large quantities are ingested, consult a physician.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, water, dry chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

6. Accidental Release Measures

Environmental Precautions: Avoid seepage into sewers and water supplies.

Clean-Up Procedure: Sweep up carefully to prevent a slipping hazard.

7. Handling and Storage

Handling: No special measures necessary if handled according to instructions.

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 dust. 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: Fine, free-flowing white powder.

Odor: Very slight fruity acrylic odor.

Boiling Point/Range: not applicable

Flash Point: 320°C (ASTM D1929)

Evaporation Rate: Nil

Solubility in Water: Nil

Vapor Density: not applicable

Percent Volatile: < 1.0%

Density: not applicable

10. Stability and Reactivity

Stability: This material is stable.

Hazardous Reactions: None if handled according to directions

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Temperatures above 300°C

Incompatibility: Strong acids and oxidizing agents

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

11. Toxicological Information

Specific effects: This material is a methacrylate polymer.

Allergic reaction possible in susceptible individuals.

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: Not Regulated

U.S. DOT Hazard Class: None

U.N./N.A. Number: None

U.S. DOT Packing Group: None

Other: Not considered hazardous cargo

15. Regulatory Information:

U.S.-O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

16. Other Information

Material should be maintained in original containers. Empty containers should not be re-used. Fire = 1

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