

FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

Material Safety Data Sheet (MSDS)

MSDS #: 530.25

Revision Date: November 25, 2002

Section 1 — Chemical Product and Company Identification

Mounting Medium-Low & High Viscosity

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Section 2 — Composition, Information on Ingredients

A proprietary mixture of acrylic resins in toluene (108-88-3) 60%.

CAS#: None Established

Section 3 — Hazards Identification

Clear, odorless liquid with characteristic benzene-like aromatic odor.

Contains toluene. Toxic by ingestion, inhalation and skin absorption. Severe body tissue irritant.

FLINN AT-A-GLANCE

Health-2

Flammability-3

Reactivity-2

Exposure-2

Storage-1

0 is low hazard, 3 is high hazard

Section 4 — First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for 15 minutes.

External: Wash continuously with fresh water for 15 minutes.

Internal: Rinse mouth out with water. Give mixture of 2 Tbs. of activated charcoal mixed with one cup of water. Call a physician or poison control at once.

Section 5 — Fire Fighting Measures

Flammable liquid.

Contains toluene, fire hazard. Heat will build pressure and rupture closed containers.

Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

NFPA CODE

None Established

Section 6 — Accidental Release Measures

Restrict unprotected personnel from area. Remove all ignition sources and ventilate area. Contain spill with sand and absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

Section 7 — Handling and Storage

Flinn Suggested Chemical Storage Pattern: Organic #4. Store with ethers, ketones, halogenated hydrocarbons and ethylene oxide. Store in a Flinn Chem Saf bag. Use and dispense in a hood.

Section 8 — Exposure Controls, Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits. Always wear a NIOSH-approved respirator with proper cartridges or a positive pressure, air-supplied respirator when handling this material in emergency situations (spill or fire).

Exposure guidelines: TWA 1100 ppm, (ACGIH)

Section 9 — Physical and Chemical Properties

Clear, odorless liquid with characteristic benzene-like aromatic odor.

Solubility: Virtually insoluble in water.

Specific Gravity: 0.867

Boiling Point: 110 C

Vapor Pressure: 28.5mm @ 20 C

Vapor Density: 3.2

Section 10 — Stability and Reactivity

Avoid contact with strong oxidizers, strong acids, heat, sparks and open flame.

Shelf Life: Indefinite.

Section 11 — Toxicological Information

Acute effects: Dizziness, nausea, irritant, dermatitis

Chronic effects: Depressed bone marrow, liver enlargement

Target organs: Eyes, liver, central nervous system

ORL-RAT LD50: 636 mg/kg as toluene

IHL-RAT LC50: N.A.

SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

Section 12 — Ecological Information

Data not yet available.

Section 13 — Disposal Considerations

Please consult with state and local regulations.

Flinn Suggested Disposal Method 18b is one option.

Section 14 — Transport Information

Shipping Name: Toluene

Hazard Class: 3, Flammable liquid

UN Number: UN1294

N/A = Not applicable

Section 15 — Regulatory Information

Not listed.

Section 16 — Other Information

Consult your copy of the Flinn Scientific Catalog/Reference Manual for additional information about laboratory chemicals. This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Flinn Scientific Inc. assumes no legal responsibility for use or reliance upon this data.

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