
Section 1 — Chemical Product and Company Identification

Embedding Plastic Catalyst

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

Methyl ethyl ketone peroxide (1338-23-4) 36-40% and dimethylphthalate (131-11-3) 45-49%.

CAS#: None Established

Section 3 — Hazards Identification

Clear, colorless liquid with a slightly pungent odor.
Moderately toxic by ingestion or inhalation.
Severe eye irritant and moderate skin irritant. Avoid all body tissue contact.

FLINN AT-A-GLANCE

Health-2
Flammability-2
Reactivity-3
Exposure-3
Storage-2

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: Give large quantities of water. Call a physician or poison control at once.

Section 5 — Fire Fighting Measures

Combustible liquid.
Once ignited, material will burn vigorously. Powerful oxidizer, potential explosion hazard.
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 #6. Store with peroxides, hydroperoxides and azides.
Store in a cool dry place. 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).

FLINN SCIENTIFIC INC.

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Material Safety Data Sheet (MSDS)

Embedding Plastic Catalyst

MSDS #: 316.61

Revision Date: January 6, 2003

Section 9 — Physical and Chemical Properties

Clear, colorless liquid with a slightly pungent odor.
Solubility: Insoluble in water; soluble in many organic solvents.

Specific Gravity: 1.11

Section 10 — Stability and Reactivity

Avoid contact with acids, heat, sparks, flame, and direct sunlight. Decomposes above 68 C.
Shelf life: Fair.

Section 11 — Toxicological Information

Acute effects: Severe eye irritant
Chronic effects:
Target organs: N.A.

ORL-RAT LD50: 1017 mg/kg for methyl ethyl ketone peroxide
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 #22b is one option.

Section 14 — Transport Information

Shipping Name: Organic Peroxide Type D, liquid (methyl ethyl ketone peroxides < 45%)
Hazard Class: 5.2
UN Number: UN3105

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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