

FLINN SCIENTIFIC, INC.

Material Safety Data Sheet (MSDS)

MSDS #: 878.00

Revision Date: April 21, 2011

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Coating, plastic bench top

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

Polyurethane coating (finish)

A proprietary mixture containing: Mineral Spirits (64742-88-7) 61%

CAS#: None established

SECTION 3 — HAZARDS IDENTIFICATION

Clear liquid. Petroleum odor.

Mildly toxic by ingestion or inhalation.

May be irritating to skin, eyes, and respiratory tract.

FLINN AT-A-GLANCE

Health-2

Flammability-2

Reactivity-0

Exposure-1

Storage-0

0 is low hazard, 3 is high hazard

SECTION 4 — FIRST AID MEASURES

Call a physician and 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 or External: Immediately flush with fresh water for at least 15 minutes.

Internal: Do NOT induce vomiting. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Class II combustible liquid.

Flash point: 38 °C (Closed cup)

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 and ventilate area. Contain spill with sand or 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 #3. Store with hydrocarbons, esters and aldehydes.

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 low. 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: TLV and PEL 100 ppm (as mineral spirits) (OSHA, ACGIH)

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear liquid with a mild petroleum odor.
Proprietary mixture of refined petroleum distillates.
Solubility: Insoluble in water.

Boiling point: 148 - 201 °C
Specific gravity: 0.86
Vapor density: Heavier than air

SECTION 10 — STABILITY AND REACTIVITY

Keep away from heat and open flame.
Hazardous decomposition products (by fire): Carbon dioxide, carbon monoxide
Shelf life: Excellent, if stored safely.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritant.	ORL-RAT LD ₅₀ : N.A.
Chronic effects: Permanent brain and nervous system damage.	IHL-RAT LC ₅₀ : N.A.
Target organs: Brain, nervous system.	SKN-RBT LD ₅₀ : 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 review all federal, state and local regulations that may apply, before proceeding.
Flinn Suggested Disposal Method #18b is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Combustible liquid.
Hazard class: Combustible liquid.
UN number: UN1263
N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

TSCA-listed; CA-listed.

SECTION 16 — OTHER INFORMATION

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**Consult your copy of the *Flinn Science Catalog/Reference Manual*
for additional information about laboratory chemicals.**