

**FLINN SCIENTIFIC, INC.**  
**Safety Data Sheet (SDS)**

SDS #: 607.50  
 Revision Date: March 21, 2014

**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Polyurethane Foam System, Part A**

Film Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261  
 CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **WARNING**

Pictograms



**SECTION 2 — HAZARDS IDENTIFICATION**

Hazard class: Skin and serious eye damage, corrosion or irritation (Category 2, 2B). Causes skin and eye irritation (H315+H320).

Hazard class: Specific target organ toxicity, single exposure; respiratory tract irritation (Category 3). May cause respiratory irritation (H335). Avoid breathing vapors (P261).

**SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS**

Component Name	CAS Number	Formula	Sample Weight	Concentration
Part A: proprietary mixture containing a poly ether polyol, a tertiary amine, and a silicone surfactant.	None established	Proprietary	Proprietary	

**SECTION 4 — FIRST AID MEASURES**

Call a POISON CENTER or physician if you feel unwell (P312).  
**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).  
**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).  
**If on skin:** Wash with plenty of water (P302+P352). **If skin irritation occurs:** Get medical advice or attention (P332+P313).  
**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

**SECTION 5 — FIRE FIGHTING MEASURES**

Class III/B combustible liquid.  
 Flash point: >93 °C.  
 When heated to decomposition, may emit toxic fumes.  
**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

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

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**SECTION 7 — HANDLING AND STORAGE**

Film Suggested Chemical Storage Pattern: Organic #2. Store with alcohols, glycols, amines and amides. Do not store longer than 3 years. Wipe cap and bottle threads and immediately reseal container after dispensing to preserve the expanding property. Keep container tightly closed (P233). Use only in a hood or well-ventilated area (P271).

**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Use only in a hood or well-ventilated area (P271).

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Yellow/amber colored liquid. Rubber-like odor.  
 Soluble: Acetone and some other organic solvents.  
 Boiling point: >246 °C  
 pH: 5-7  
 Specific gravity: 1.08  
 Vapor pressure: <0.1 @ 20 °C

**SECTION 10 — STABILITY AND REACTIVITY**

Avoid exposure to flame.  
 Shelf life: Should not be stored for more than 3 years.

**SECTION 11 — TOXICOLOGICAL INFORMATION**

Acute effects: Eye, skin, and respiratory tract irritant.  
 Chronic effects: N.A.  
 Target organs: Respiratory tract.  
 ORL-RAT LD<sub>50</sub>: >5000 mg/kg  
 IHL-RAT LC<sub>50</sub>: N.A.  
 SKN-RBT LD<sub>50</sub>: >5000 mg/kg

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.  
 Film Suggested Disposal Method #26a is one option.

**SECTION 14 — TRANSPORT INFORMATION**

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

**SECTION 15 — REGULATORY INFORMATION**

Not listed.

**SECTION 16 — OTHER INFORMATION**

This Safety Data Sheet (SDS) 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. The information is provided for your information only and is not intended to be used in place of applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER PRODUCTS, PLEASE REFER TO THE MSDS AND THE DISPOSITION OF THIS PRODUCT. LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, OR DISPOSAL OF THIS PRODUCT.

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

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