



REVISION DATE: 1/19/09
REVISION: C

S A F E T Y D A T A

1. PRODUCT & COMPANY IDENTIFICATION:

Product (Trade) Name:	124-08 Part A
General Chemical Description:	Silver Filled Polymer
Manufacturer:	Creative Materials, Inc. 141 Middlesex Road Tyngsboro, MA 01879 T 978.649.4700 F 978.649.2040

2. COMPOSITION/INFORMATION on INGREDIENTS:

Epoxy Resin (CAS #39817-09-9): less than 50%; TLV not established.

*Silver (CAS #7440-22-4): 55-65%; TLV - 0.1 mg/m³ (not likely to become airborne)

* This material is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 et. seq. if present at greater than 1%.

All ingredients are listed on the TSCA inventory

3. HAZARD IDENTIFICATION:

Product may be moderately irritating to the eyes and skin. May cause skin sensitization. Because of its low volatility, this product is not likely to be an inhalation hazard.

4. FIRST AID MEASURES:

Eyes - Immediately wash eyes with running water for 15 minutes. Get immediate medical attention.

Skin - Remove contaminated clothing/shoes and wash affected areas with water followed by washing with soap and water. If irritation occurs, get medical attention. Launder contaminated clothing before reuse.

Ingestion - **DO NOT INDUCE VOMITING**. Dilute with water or milk and call a physician immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

Inhalation - Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

5. FIRE FIGHTING MEASURES:

Extinguishing Media: Water fog, alcohol foam, CO₂ or dry chemical extinguishing media.

Special Firefighting Procedures: Material will not burn unless preheated. Firefighters should not enter confined space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

Unusual Fire and Explosive Hazards: No unusual hazards.

6. ACCIDENTAL RELEASE MEASURES:

Personal Protection: Extinguish all sources of ignition. Wear appropriate clothing, gloves, goggles or glasses. Provide adequate ventilation.

Environmental Precautions: Do not discharge into any sewage system or waterway.

Spillages: Absorb with earth, sand, or other inert material and place in suitable containers for disposal.

7. HANDLING and STORAGE:

Observe normal standards of industrial hygiene for handling chemicals. Store in a cool, dry, well ventilated area. Keep containers tightly closed and away from heat, direct sunlight and ignition sources.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Engineering Controls: Mechanically exhaust vapors at points of application. Maintain airborne contaminant levels of chemicals below their recommended TLV's or PEL's.

Personal Protection: Avoid contact with eyes and skin. Wear safety glasses with side shields. Avoid prolonged or repeated contact with skin. Wear impervious gloves and other clothing to prevent contact.

Respiratory Protection: For confined areas or areas with poor ventilation, use an approved cartridge type, organic vapor respirator.

Eye Protection: Chemical goggles

Protective Clothing: Impervious gloves, coveralls, apron, boots as necessary to prevent skin contact.

9. PHYSICAL and CHEMICAL PROPERTIES:

Appearance and Odor:	Silver paste, slight odor
Specific Gravity (water=1):	2.68
Solubility in Water:	Negligible
Vapor Density:	Heavier than air
Boiling Point (°C):	Not available
Vapor Pressure @ 20°C:	< 0.1mm Hg
Volatiles (% by weight):	None
Flash Point:	> 200°C

10. STABILITY and REACTIVITY:

Stability: Stable under normal conditions.

Materials to avoid: Can react vigorously with strong oxidizing agents, strong Lewis acids or mineral acids, and strong mineral and organic bases.

Conditions to avoid: Storage in open containers, sources of ignition, high temperatures and direct sunlight.

Hazardous decomposition products: Carbon monoxide, aldehydes, acids, and other organic substances can be formed during combustion, thermal, or oxidative decomposition. Reaction with some curing agents may produce considerable heat.

11. TOXICOLOGICAL INFORMATION:

No data available

12. ECOLOGICAL INFORMATION:

Do not allow discharge into drains and waterways. Avoid ground contamination.

13. DISPOSAL RECOMMENDATIONS:

Place in an appropriate disposal facility in compliance with local regulations.

14. TRANSPORT INFORMATION:

Not hazardous by D.O.T. regulations.

15. REGULATORY INFORMATION:

Epoxy Resin (CAS #39817-09-9): No OSHA or ACGIH limits have been established for this component.

16. OTHER INFORMATION: None.

To the best of our knowledge, the information contained herein is accurate and meets all State and Federal guidelines. However, Creative Materials Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of the suitability of any material is the sole responsibility of the user.