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REVISION DATE: 5/17/04
REVISION: B

SAFETY DATA

IDENTIFICATION:

Product (Trade) Name: **118-09 PART A**
General Chemical Description: SILVER FILLED POLYMER SOLUTION

INGREDIENTS:

Proprietary polymer and thinner: 30-40% by weight. TLV - Not Established
* Silver (CAS# 7440-22-4): 60-75% by weight. 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.

PHYSICAL DATA:

Boiling Point (°C)	> 180
Vapor Pressure @ 25°C	< 0.5mm Hg
Volatiles (% by weight)	> 20
Appearance and Odor	Silver paste, mild odor
Specific Gravity (water=1)	2.47 – 2.71
Solubility in Water	Negligible
Vapor Density	Heavier than air

FIRE AND EXPLOSION HAZARD DATA

Flashpoint:	> 71°C
Auto-ignition Temp:	> 340°C
Flammability Limits In Air (% VOL):	Lower: 0.88; Upper: 8.5
Extinguishing Media:	Water fog, alcohol foam, CO ₂ or dry chemical extinguishing media
Special Firefighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.
Unusual Fire and Explosive Hazards:	Low, when exposed to heat or flames. Can react with oxidizing materials.

HEALTH HAZARD DATA

Effects of Overexposure:

If inhaled, ingested or absorbed, the liquid or vapor may cause dizziness, drowsiness or fainting. Irritation of the skin, eyes and mucous membrane may result from contact with liquid or vapor.

First Aid Procedures:

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

Skin - Wash affected areas with water while removing contaminated clothing. Get immediate medical attention. Launder contaminated clothing before reuse.

Ingestion - If swallowed, **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.

REACTIVITY DATA

Stability:	Stable
Incompatibility:	Oxidizing agents
Hazardous Decomposition Products:	N/A
Hazardous Polymerization:	Does not occur
Conditions To Avoid:	Open flames
Corrosive To Metal:	No
Oxidizer:	No

SPECIAL PROTECTION

Respiratory Protection:	Approved organic vapor respirator
Eye Protection:	Chemical goggles
Protective Clothing:	Gloves, coveralls, apron, boots as necessary to prevent skin contact.
Ventilation:	Use local exhaust to control to recommended P.E.L.
Other:	N/A

SPILL AND LEAK PROCEDURES

Spills should be contained, solidified, and placed in suitable containers for disposal.

WASTE DISPOSAL METHOD

Incinerate or bury in a licensed Facility. Do not discharge into waterways or sewer systems.

SHIPPING DATA

D.O.T. Proper Shipping Name:	Combustible Liquid, N.O.S.,NA 1993
D.O.T. Hazard Classification:	< or =110 Gal.- none > 110 Gal. Combustible liquid
Hazardous Substance (49CFR CERCLA List):	No
D.O.T. Placards Required:	Combustible liquid

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