

MATERIAL SAFETY DATA SHEET

Product Name: Liquid Silver Paint (**Product Discontinued**)

Catalog Number: 60810

DOT Hazard Class: Flammable Liquid (shipped as Excepted Quantity)

DOT Proper Shipping Name: Ethanol Solution

UN/NA ID No.: UN1170

MSDS Updated: 9/2011

Distributed By: Ladd Research

83 Holly Court

Williston, VT 05495

(802) 658-4961

HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Silver	7440-22-4	<50%	0.01 mg/M ³
Amorphous Silica	7631-86-9	<5%	10.0 mg/M ³
Ethyl Alcohol	64-17-5	<50%	1000 ppm
Acetone	67-64-1	<5%	1000 ppm
Methanol	67-56-1	<5%	200 ppm
Proprietary Thickener	—	<5%	10 mg/M ³

PHYSICAL AND CHEMICAL DATA

Specific Gravity: 1.41

V.O.C.: 725 g/l (VOC method = EPA 24)

Vapor Pressure: 53.0 mm Hg at 20°C

Percent Volatile: 50%

Solubility in Water: Miscible

Appearance and Odor: Silver fluid, sharp odor.

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 32°F

Method: Tag Closed Cup

Extinguishing Media: Foam, carbon dioxide, dry chemical

Special Fire Fighting Procedures: Self-contained breathing supply.

Hazardous Combustion Products: Oxides of carbon and oxides of silver.

HEALTH HAZARD DATA

Ingestion: May be fatal or cause blindness if swallowed.

Eye: Causes moderate eye irritation.

Skin: May cause moderate skin irritation.

Inhalation: Vapors and mists generated from this product may be harmful. May irritate eyes, nose and throat.

EMERGENCY AND FIRST AID

Ingestion: Induce vomiting by giving 1 tablespoon of syrup of ipecac or by sticking finger down throat. Ensure that stomach contents cannot be aspirated into lungs. Have patient lie down and keep warm. Consult a poison center, emergency room or physician.

Skin: Flush immediately with plenty water, followed by washing with soap and water.

Eye: Flush eyes immediately with plenty water for at least 15 minutes.

Inhalation: Remove patient to fresh air. Apply artificial respiration and other supportive measures as required.

REACTIVITY DATA

General: This product is stable and hazardous polymerization will not occur.

Incompatible materials and Conditions to Avoid: Strong oxidizers.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Shut off ignition sources. Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Disposal: Consult local, state and federal laws and regulations.

Storage: Store at ambient temperature and atmospheric pressure. Keep container closed. Store in a cool dry place.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Ventilation: Mechanical ventilation usually sufficient.

Respiratory: NIOSH/MSHA approved respirator if TLV is exceeded.

Eye: Vapor tight chemical splash goggles.

Skin: Impermeable apron or disposable suit and gloves.

SECTION 313 SUPPLIER NOTIFICATION

This product contains three chemicals which are listed in Section 313 at or above *de minimus* concentrations:

methanol, acetone, silver

* * * * *

The information presented is believed to be correct and is the most accurate information available to us at this time. However, Ladd Research makes no warranty, express or implied, and assumes no liability for this information and the product described herein.