

MATERIAL SAFETY DATA SHEET

Product Name: Conducting Silver Paint

Catalog Number: 60805

DOT Hazard Class: Class 3 (Product packaged in Excepted Quantity)

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>
1-Methoxy-2-Propanol Acetate	108-65-6	10-30%	Not Available
Butyl Acetate	123-86-4	10-30%	150 ppm (OSHA PEL)
Dibutyl Phthalate	84-74-2	1-5%	5 mg/m ³ (OSHA PEL)
Silver (Metallic)	7440-22-4	30-60%	0.1 mg/m ³ (ACGIH TWA)
Fatty Acid Derivative	NA	0.1-1%	Not Available
Acrylic Resin (Proprietary)	NA	10-30%	Not Available
Proprietary Ingredient(s)	NA	<0.1%	Not Available

PHYSICAL AND CHEMICAL DATA

Form: Liquid

Appearance: Grey

Odor: Mild fruity

Solubility in Water: Slight

FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 72°F (Tag Closed Cup)

Fire and Explosion Hazards: Keep away from sparks and open flames. Do not smoke in area with open product. The solvent vapors are heavier than air and may travel along the floor to a source of ignition and flash back. Consider the need for spark proof tools. If the product may be heated above its flash point during processing, remove sources of ignition such as open sparks, flames or static discharge to prevent vapor ignition.

Extinguishing Media: Water spray, dry chemical or carbon dioxide

Special Fire Fighting Information: Wear full protective clothing and a full face piece, positive pressure, self-contained breathing apparatus. Decontaminate contaminated clothing and equipment with soap and water.

HEALTH HAZARD DATA

Primary Route(s) of Entry: Inhalation, skin

Eye: Irritation

Skin: Irritation

Inhalation: Irritation of mucosal surfaces

EMERGENCY AND FIRST AID

Skin: Immediately wash skin with soap and plenty water.

Eye: Immediately flush eyes with plenty water for at least 15 minutes.

Inhalation: Remove patient to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: DO NOT induce vomiting. Immediately give two glasses of water or activated charcoal slurry. Never give anything by mouth to an unconscious person. Call a physician.

REACTIVITY DATA

Stability: Stable

Incompatibility: Avoid contact with oxidizing agents, acids, potassium tert-butoxide.

Hazardous Decomposition Products: Oxides of carbon, water, and oxides of nitrogen

Hazardous Polymerization: The product does not normally polymerize significantly.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Absorb on rags, sand or other absorbent material.

Disposal: Product may be refined to recover precious metal content. Consult local, state or federal regulations for

allowable disposal methods.

Storage: Store product below 90°F to ensure product viscosity stability. Do not store product in areas where vapors may contact sources of heat, sparks or open flame.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Ventilation: Local ventilation should be used to keep exposures below applicable limits.

Respiratory: Respirator with organic vapor cartridges provide adequate protection.

Gloves: Butyl rubber gloves recommended.

SECTION 313 SUPPLIER NOTIFICATION

The following ingredients are subject to the reporting requirements of section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and of 40CFR372:

Dibutyl Phthalate [84-74-2]

Silver [7440-22-4]



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