CHEMICALS

THINNERS & SOLVENTS

Polystyrene Q-Dope Thinner

For thinning polystyrene base coil dopes and cements. Can also be used for cementing polystyrene parts.

Part No. 10-4102	2 fl. oz. Bottle
N.S.N. 8010-00-063-1376	
N.S.N. 8040-00-902-1159	

Radio-TV Cement Solvent

Fast acting solvent formulated for use in speaker repair. Dissolves cement on speaker cones, spiders, frames, voice-coils. May also be used as a thinner for all lacquer type cements.

Part No. 10-312	2 fl. oz. Bottle
Part No. 10-318	8 fl. oz. Bottle
Part No. 10-320	16 fl. oz. Bottle
N.S.N. 8010-00-775-5893	
Part No. 10-321	1 gal. Can

Paint Thinner

All purpose mineral spirit type thinner and solvent for paint and varnish base products.

Part No. 10-6702	2 fl. oz. Bottle
N.S.N. 8010-00-054-1521	

Print Kote Solvent

A solvent to remove silicone and other types of protective coatings from PC boards. Required when modifying PC boards or replacing components where the protective coating interferes with the desoldering and resoldering operation.

Part No. 22-209	2 fl. oz. Bottle
N.S.N. 6810-00-711-2185	

COATINGS

Silver Print II
(Conductive Paint)

For PC repair or add-on circuit traces. Pure silver in acrylic lacquer based carrier may be brushed on for either conductors or shielding. Connections have equal or better conductivity than copper (0.1 ohms per square).

Part No. 22-023	1/2 troy oz. Bottle
Part No. 22-024	1 troy oz. Bottle

Red Insulating Varnish

Alkyd-based compound, especially resistant to environmental extremes including oils, water and most acids and alkalis. Retains its high dielectric strength even if wet and is, therefore, especially adaptable to the insulation of electrical and electronic devices or components which may be operated in a very humid climate and up to 250°F (121°C). For general insulation of coils, transformers, motor windings and for all-around protection against oxidation and atmospheric attacks.

Part No. 10-9002	2 fl. oz. Bottle w/Brush
N.S.N. 5970-00-901-5331	
Part No. 10-9002-1G	1 gal. can
Part No. 10-9008	8 fl. oz. Bottle

Nickel Print
(Conductive Paint)

A quick drying lacquer-based coating, pigmented with powdered nickel. For repair and modification of printed circuits. Conductivity is 5 to 6 ohms per square.

Part No. 22-207	2 fl. oz. Bottle

Print Kote Conformal Coating

The ultimate coating for PC boards provides a protective shield to resist environmental contaminants. Prevents arcing and shorting. Air dry 15 to 30 minutes. May be baked at 200°C for 30-60 minutes for extreme high temperature applications.

Part No. 22-203	2 fl. oz. Bottle
N.S.N. 8010-00-711-2173	

All quantities are single; BU's are packages of 10 Unless otherwise noted.

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: **Resin Mixture**
Product Name: **Silver Print II**
Part Number(s): **22-023**
22-024

Section 1 - Identification of Product

HMIS Rating		Least	0
Health	2	Slight	1
Flammability	3	Moderate	2
Reactivity	0	High	3
Personal Protection	B	Extreme	4
Gloves, safety glasses	B		

Section 2 - Hazardous Ingredients

Name	CAS#	OSHA PEL	ACGIH TLV	MAX %
*Acrylic Resin	NA	NA	NA	
Silver	7440-22-4	0.01mg/m^3	0.1mg/m^3	
Glycol ether PM Acetate	108-65-6	NE	NE	
**Trimethylbenzene	25551-13-7	25 ppm	25 ppm	21.0%
**Cumene	98-82-8	50 ppm (skin)	50 ppm	5.0%
**Xylene	1330-20-7	100ppm	100ppm	5.0%

**Subject to the reporting requirements of Section 313 of SARA Title III. See Section 10 Regulatory Information. All components of this product are listed in the TSCA registry.
*Exact identity withheld as a trade secret.

Section 3 - Physical Data

Flash Point: (pmcc)	27°C
Boiling Point:	137ºC
Vapor Density:	>Air
Evaporation Rate:	>nBuAc
% Volatile by Vol.:	80
Specific Gravity:	1.6
Solubility in Water:	Slight
Vapor Pressure:	6.6mm Hg
Appearance:	Silver Liquid
Odor:	Solvent odor

Section 4 - Fire & Explosion Hazard Data

Extinguishing Media:	Water fog, carbon dioxide, foam or dry chemical.
Special Fire Fighting Procedures:	Full protective equipment including self-contained breathing apparatus should be used. Water spray may be used to cool fire exposed container to prevent pressure build-up and possible auto-ignition or rupture.
Unusual Fire & Explosion Hazards:	Keep containers tightly closed. Water may be used to cool unruptured containers.

Section 5 - Health Hazard Data

Primary Routes of Exposure:	__4_Dermal_4__Eye__4_Inhalation___Ingestion
Eye Contact:	Contains ingredients which are irritating to the eyes. Symptoms may include blurred vision, burning sensation and tearing.
Skin Contact:	Contains materials which cause moderate skin irritation. This product may cause skin sensitization or allergic reactions which may be severe with certain people. Symptoms include rash, itching, hives and swelling of extremities. Prolonged or repeated exposure may cause a defatting or drying action to skin.
Inhalation:	Excessive inhalation of vapors can cause nasal/respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea and headache.
Ingestion:	Product is harmful if swallowed.
Chronic Health Effects:	Contains ingredients that may cause birth defects based on animal data. Contains ingredients that may cause organ damage.
Medical Conditions Prone to Aggravation by Exposure:	Preexisting disorders of the skin and/or eyes.
Emergency First aid Procedures:	
Skin:	Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.
Eyes:	Flush eyes with water for at least 15 minutes. Take to a physician for medical treatment.
Inhalation:	Move person to fresh air. Restore breathing. Treat symptomatically. Consult a physician.
Ingestion:	Drink plenty of water to dilute. Do not induce vomiting. Give medical attention immediately. Never give anything by mouth to an unconscious person.

Section 6 - Reactivity Data

Stability:	Stable
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	High temperatures, high humidity.
Materials to Avoid:	Strong oxidizing agents; strong acids or bases