

## 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

**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 <sup>3</sup> | 0.1mg/m <sup>3</sup> |       |
| 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:       | 137°C         |
| 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.<br>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 |