

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



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



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



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: Thinners/Solvents
 Product Name: **Radio-TV Cement Solvent**
 Part Number(s): **10-312**
10-318
10-320
10-321

Section 1 – Identification of Product

Chemical Name and Synonyms:	N/A		
Product Name:	2641 Solvent	Least	0
Product No.:	18898	Slight	1
		Moderate	2
		High	3
		Extreme	4

HMIS RATINGS

Health:	3
Flammability:	4
Reactivity:	0

Section 2 – Hazardous Ingredients

Chemical Name	CAS Number	% WT	TLV (ppm)
* Acetone	67-64-1	27-42	750
* Toluene	108-88-3	23-39	100
n-Butyl Acetate	123-86-4	15-26	150
Ethyl Acetate 99%	141-78-6	9-28	400

*Indicates toxic chemical(s) 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.

Warning: Toluene is listed on California Proposition 65 as a chemical known to cause birth defects or other reproductive harm.

Section 3 – Physical Data

Boiling Point:	@780 mm Hg or Range 133°F-259°F
Specific Gravity (H ₂ O=1):	.857
Vapor Pressure:	mm Hg @ 68°F-95.5
Vapor Density (Air=1):	2.2
Solubility (Weight % in Water):	34.1
Volume % Volatile:	100.1
Evaporation Rate (Butyl Acetate=1)	>1
Appearance and Odor:	Clear liquid with a characteristic odor

Section 4 – Fire and Explosion Hazard Data

Flash Point °F Method Used = TCC: -15° for lowest flashing component
 Flammable Limits in Air (% by volume): LEL: 1 UEL: 12.8
 Extinguishing Media: Carbon dioxide, dry chemical or foam
 Special Fire Fighting Procedures: Cool fire exposed containers with water. Do not enter confined fire space with out proper protective equipment including a NIOSH approved self contained breathing apparatus.
 Unusual Fire and Explosion Hazards: N/A

Section 5 – Health Hazard Data

Permissible Exposure Limits (TLV): For the lowest component 100 ppm
 Effects of Overexposure:
 Overexposure: Can lead to central nervous system depression producing such effects as headache, dizziness, nausea, and loss of consciousness.
 Eyes: Irritating to the eyes and mucous membranes.
 Skin: Can cause defatting and drying of the skin resulting in irritation and dermatitis. Can be absorbed through the skin causing effects similar to inhalation or ingestion.
 Ingestion: Liquid ingestion may result in vomiting. Aspiration of liquid into the lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage.
 Emergency and First Aid Procedures:
 Eye: Flush eyes with water for at least 15 minutes. Get medical attention.
 Skin: Wash with soap and water. Remove contaminated clothing. If irritation persists, get medical attention.
 Inhalation: Remove victim to fresh air. Provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
 Ingestion: Consult a physician immediately. Product contains both naphthas and oxygenated solvents. See section 2.

Section 6 – Reactivity Data

Stability: Stable Unstable
 Conditions and Materials to Avoid: Avoid strong alkalies.
 Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and unidentified organics.
 Hazardous Polymerization: May Occur Will not Occur