

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 **Conductive Paint**
 Product Name: **Nickel Print**
 Part Number(s): **22-207**

Section 1 - Identification of Product

HMIS RATINGS

Health:	2	Least	0
Flammability:	3	Slight	1
Reactivity:	0	Moderate	2
		High	3
		Extreme	4

Section 2 - Hazardous Ingredients

Hazardous Ingredients	CAS #	Wgt %	Carcinogenicity			ACGIH TLV/OSHA PEL
			NTP	IARC	OSHA	
Nickel**	7440-02-0	>40	Y	Y	Y	1.00 mg/m ³
Proprietary Acrylic Resin	N/A	<16	N	N	N	None Estb.
Toluene**	108-88-3	<16	N	N	N	50.00 PPM
n-Butyl Acetate	123-86-4	<16	N	N	N	150.00 PPM
n-Amyl Acetate	628-63-7	<16	N	N	N	100.00 PPM
Isopropanol**	67-63-0	<10	N	N	N	400.00 PPM
Isopropyl Acetate	109-60-4	>10	N	N	N	200.00 PPM
Xylene**	1330-20-7	<4	N	N	N	100.00 PPM
Ethanol	64-17-5	<4	N	N	N	1000.00 PPM
n-Butyl Alcohol**	71-36-3	<4	N	N	N	50.00/100.00 PPM

**Subject to the reporting requirements of Section 313 of Sara Title III, See Section 10-Regulatory Information. All components of this product are listed on the TSCA registry.

Warning: This product contains Toluene, known to the State of California to cause birth defects or other reproductive harm.

Section 3 - Physical Data

Physical Form:	Viscous Liquid
Color:	Nickel-Gray
Volatile Organic Compound (VOC):	760 g/Liter
Specific Gravity	1.9
Boiling Point	103°C
Solubility in Water	Negligible
Evaporation Rate >n-BuAc	N/A
Vapor Density >Air	N/A
% Volatile by Volume	N/A

Section 4 - Fire & Explosion Hazard Data

Flash Point:	42°F
General Hazard:	Flammable, combustible material. Do not expose to heat, sparks, or flames. Vapor and/or runoff may explode or ignite indoors, outdoors, or in sewers.
Extinguishing Media:	Dry chemical, CO ₂ , water spray or alcohol-resistant foam. Do NOT use dry chemical extinguishers to control fires involving nitromethane or nitroethane.
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.
Hazardous Combustion or Decomposition Products:	Oxides of Carbon, Oxides of Nickel

Section 5 - Health Hazard Data

Primary Routes of Exposure:	_ Skin _ Inhalation _4 Eye contact _4 Ingestion
Effects of acute exposure:	
Eye contact:	Causes severe eye irritation.
Skin contact:	May cause moderate skin irritation. May be absorbed through skin and cause allergic reaction.
Inhalation:	Vapors and mists irritate eyes, nose, and throat.
Ingestion:	Harmful or fatal if swallowed, even in dry form.
Medical Conditions Aggravated by Exposure:	None known.

Section 10-Regulatory Information
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SARA TITLE III: Section 313 Information (40 CFR 372)

Acheson Colloids Company Electrodag 440 contains a chemical which is listed in Section 313 at or above DE MINIMIS concentrations. The following listed chemicals are present:

CAS #	%	Component Name
108-88-3	<20	Toluene
7440-02-0	>50	Nickel
1330-20-7	<5	Xylene

Acheson Colloids Company's SB-8 contains a chemical which is listed in Section 313 at or above DE MINIMIS concentrations. The following listed chemicals are present:

CAS #	%	Component Name
67-63-0	<50	Isopropanol
71-36-3	<20	N-Butyl Alcohol

TSCA-All components of these products are listed or are excluded from listing on the U. S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory:

Proposition 65 Substances are: (component(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986)

CAS#	Component Name
108-88-3	Toluene
7440-02-0	Nickel

Section 11 - Other Information

DOT Proper Shipping Name:	Paint
Hazard Class or Division:	3
Packing Group Number:	II
UN Number:	1263
Labeling:	Flammable Liquid
TSCA Status:	All components of this product are listed on, or exempted from the requirement to be listed on, the TSCA Inventory of Chemical Substances.