

COATINGS (Cont.)



Insulating Coating

Heavy-bodied, black insulating coating which replaces insulating tape in applications where wrap-around tape could not readily be applied. This compound dries quickly to a strong pliable finish that will not crack, peel or chip. It is water and oil proof and may be used outdoors to insulate any electrical terminal, connection or wire splice. Excellent for providing insulation on handles, etc. Voltage rating 1400v/mil (min.)

Part No. 10-1762 2 fl. oz. Bottle with Brush

Part No. 10-1766 16 fl. oz. Bottle



Q Dope

Solution of pure polystyrene in solvents. Dries fast and leaves a clear, protective coating on coils and transformers, with no or minimal effect on inductive values. May also be used as a cement for molded or fabricated items made of polystyrene.

Part No. 10-3702 2 fl. oz. Bottle with Brush

N.S.N. 8010-00-868-3866

N.S.N. 5970-00-044-6790

N.S.N. 5970-00-982-3909

Part No. 10-3704 4 fl. oz. Bottle with Brush

N.S.N. 5970-01-047-9265

N.S.N. 8040-00-598-9748

Part No. 10-3709 1 gal. Can

N.S.N. 8030-00-182-6416



Acrylic Plastic

Transparent (glass-like) lacquer. Seals, protects, insulates and tarnish-proofs any object to which it is applied. This coating has high dielectric strength and resists moisture, caustic solutions and alcohols. Used to coat electronic component and connections as well as metal or art objects (to protect against tarnish and corrosion).

Part No. 10-8665 11 oz. Aerosol

Part No. 10-8665-5G 5 Gal. Can

N.S.N. 5970-00-279-7091



Corona Dope

This lacquer has excellent dielectric, arc and corona resisting properties, and protects surfaces against moisture. Achieved with a quick drying, black lacquer insulating coating, based on a cellulose resin. Temperature range: to 325°F (163°C). This lacquer is used to coat flybacks, coils, transformers to improve the insulation and weather resistant properties of wires. Dielectric Strength: 3,800 Volts/Mil Min.

Part No. 10-4702 2 fl. oz. Bottle with Brush

N.S.N. 8030-00-778-4278

N.S.N. 5970-00-063-0685

Part No. 19-4702 2 fl. oz. Bottle with Brush



Red-X Corona Dope

Thixotropic polyester-base red enamel that will not drip or sag, has excellent adhesion and is oil and waterproof. Temperature range: to 220°F (104°C). An excellent insulator, corona and spark preventive coating. For moisture-proofing and insulation of high voltage coils and other high voltage components, especially in high humidity problem areas. Also recommended for rotor and field coils in motors, to coat transformers, etc. Dielectric strength: 1,700 Volts/Mil Min., dielectric constant: 3.7.

Part No. 10-5002 2 fl. oz. Bottle with Brush

N.S.N. 8040-00-779-2866

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Coatings
Product Name: **Q Dope**
Part Number(s): **10-3702**
10-3704
10-3709

Section 1 – Identification of Product

Common Name: Q Dope
Chemical Name: Polystyrene Solvent Cement
Chemical Family: Mixture of Polystyrene Resin and Organic Solvents
Formula: Proprietary
Trade Name: Weldon 4807 Low VOC Cement for Polystyrene

Special Hazard Designations

	HMIS	NFPA	Hazard Rating
Health	2	1	0 – Minimal
Flammability	3	3	1 – Slight
Reactivity	0	0	2 – Moderate
Protective			3 – Serious
Equipment	H		4 – Severe

H=Eye, hand/skin and respiratory plus impervious apron
when risk of immersion, dipping or splashing is present

Section 2 – Hazardous Ingredients

Hazardous Ingredients:	CAS#	APPROX %	ACGIH-TLV	ACGIH-STEL	OSHA-PEL	OSHA – STEL
Polystyrene Synthetic Resin	Non/Haz		N/A		N/A	
Methyl Ethyl Ketone (MEK)*	78-93-3	62-72	200 PPM	300 PPM	200 PPM	300 PPM

All of the constituents of Weld-On adhesive products are listed on the TSCA inventory of chemical substance maintained by the US EPA, or are exempt from that listing. None of the ingredients are listed as carcinogens by IARC, HTP or OSHA.

* Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

Shipping information for gallon containers or above.

DOT Shipping Name:	Adhesive	DOT Hazard Class:	3
Identification Number:	UN 1133	Packaging Group:	II
Label Required:	Flammable Liquid		

Shipping information for containers less than one gallon.

DOT Shipping Name: Consumer Commodity DOT Hazard Class: ORM-D

Section 3 – Physical Data

Appearance:	Milky, opaque, medium syrupy liquid
Odor:	Ketone
Boiling Point (°F/°C):	175.2°F (80°C) Based on first boiling component: MEK
Specific Gravity @ 73 ± 3.6°F (23°C ± 2°)	Typical 0.876 + 0.040
Vapor Pressure (mm Hg.):	71.2 mm Hg. based on first boiling component, MEK @ 73°F (23°C)
Percent Volatile by Volume (%):	Approx 60 – 75%
Vapor Density (Air = 1):	2.5
Evaporation Rate (BUAC = 1):	Approx. 5.7
Solubility in Water:	Solvent @68°F (20° C) – Approx 26.8%. Resin precipitates.
VOC Statement:	VOC as manufactured: 610 Grams/Liter (g/l). Maximum VOC as applied does not exceed 350 Grams/Liter (g/l). Meets SCAQMD Rule 1168 VOC emission limits for Plastic Cement Welding.

Section 4 – Fire and Explosion Hazard Data

Flash Point:	21° F (-6° C) T.C.C. Based on MEK		
Flammable Limits:		LEL	UEL
	Percent by Volume	1.8	11.5
Fire Extinguishing Media:	Ansul “Purple K” potassium bicarbonate dry chemical, any appropriately sized ABC dry chemical, carbon dioxide, or foam extinguisher can be used. Use of water fog by trained personnel can avoid water flow or water streams distributing burning material or contaminated water over a large area or into sewers or storm drains.		
Special Fire Fighting Procedures:	Evacuate enclosed areas. Stay upwind. Close quarters or confined spaces require self-contained breathing apparatus, positive pressure masks or airline masks. Use water spray to cool containers, to flush spills from source of ignition and to disperse vapors.		