

## 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: Coating  
 Product Name: **Corona Dope**  
 Part Number(s): **10-4702**

**Section 1 - Identification of Product**

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

**Section 2 - Hazardous Ingredients**

Hazardous Ingredients:	CAS #	Wt % is <	TLV-TWA	TLV-STEL	SKIN
*Toluene	108-88-3	70.0 %	100 ppm	150 ppm	yes
Ethyl Alcohol Denatured	64-17-5	10.0 %	250 ppm	800 ppm	yes
2-Butanone	78-93-3	5.0 %	200 ppm	300 ppm	yes
Methyl Isobutyl Ketone	108-10-1	5.0 %	50 ppm	75 ppm	yes

\*Warning: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

(See Section 10 for abbreviation legend)

**Section 3 - Physical Data**

Boiling Range:	166 - 243° F
Vapor Density:	Is heavier than air
Odor:	Characteristic
Specific Gravity:	0.8924
Appearance:	Liquid
Evaporation Rate:	Is slower than Butyl Acetate
Solubility in H <sub>2</sub> O:	N/A
Volatile by Weight:	79.7%
Volatile by Vol.:	82.9%
Vocs, lbs/gal:	5.92
Vocs, grams/ltr:	709

(See Section 10 for abbreviation legend)

<b>Section 4 - Fire &amp; Explosion Hazard Data</b>
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Flash Point: (Setaflash Closed Cup)	21° F
Lower Explosive Limit:	1.2%
Upper Explosive Limit:	19.0%
Extinguishing Media:	CO <sub>2</sub> , Dry Chemical, Foam

Unusual Fire and Explosion Hazards: Keep containers tightly closed. Vapors may migrate to ignition source and cause flash fire. Isolate from heat, sparks, electrical equipment, appliances, pilot lights, flames and other sources of ignition. Flammable liquid and vapor. Keep away from heat, sparks and flame. Vapors may cause flash fire. Close container after each use.

Special Fire fighting Procedures: Use NIOSH/MSHA approved gas mask for fire fighting personnel. Water may be used to cool containers. If water is used fog nozzles are preferred.

<b>Section 5 - Health Hazard Data</b>
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Primary Route(s) of Entry: Skin Contact, Inhalation, Ingestion, Eye Contact

Effects of Over Exposure

Inhalation: Breathing of high vapor concentrations may produce narcosis. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea.

Skin: Liquid may cause minor skin irritation.

Eyes: Causes definite eye irritation.

Nose and Throat: Causes nose and throat irritation.

Repeated and prolonged overexposure to solvents could cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Medical Conditions Prone to

Aggravation By Exposure: Degeneration of the kidney and to a lesser extent the liver.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air, restore breathing. Consult a physician.

Skin Contact: Flush with water.

Eye Contact: Flush immediately with large amounts of water. Consult a physician. Aspiration may cause severe lung damage and present a significant hazard. Stomach contents should be evacuated quickly avoiding aspiration.

First Aid (Eyes): In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get immediate medical attention.

First Aid (Skin): Wash thoroughly with soap and water. If affected by inhalation of vapors or spray mist, remove to fresh air.

If Swallowed: Get medical attention immediately