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

All quantities are single; BU's are packages of 10 Unless otherwise noted.

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: **Specialty**
Product Name: **GC Acrylic Plastic**
Part Number(s): **10-8665**
10-8665-5G
Z-8300

Section 1 - Identification of Product

COMMON NAME (used on label)(Trade Name & Synonyms): **GC Acrylic Plastic**
CAS. NUMBER: See Section 2
CHEMICAL NAME: Acrylic Coating
CHEMICAL FAMILY: N/A
FORMULA: N/A

HMIS RATINGS

Health: 2
Flammability: 4
Reactivity: 0
Personal Protection: B

Minimal Hazard	0
Slight Hazard	1
Moderate Hazard	2
Serious Hazard	3
Severe Hazard	4
Gloves, Safety Glasses	B

Section 2 - Hazardous Ingredients

Principal Hazardous Component(s)

CHEMICAL AND COMMON NAME(S)	CAS. #	OSHA PEL	ACGIH TLV	VAPOR PRESSURE @25 DEG. C.	LEL	UEL	FLASH POINT DEG. F	APPROX WT %
Acetone	67-64-1	750ppm	750ppm	185 mmHg	2.6	12.8	-4(TCC)	30 - 40
Liquefied Petroleum Gas (Propellant)	68476-85-7	1000ppm	1000ppm	3691 mmHg	2.0	10.0	-156 Est.	20 - 30
Xylene**	1330-20-7	100ppm	100ppm	10 mmHg	1.0	7.0	80(TCC)	20 - 30
Butyl Acetate	123-86-4	150ppm	150ppm	10mmHg	1.7	9.8	81(TCC)	5 - 10
Ethyl 3-ethoxy-propionate	763-69-9	N/E	N/E	1.5mmHg	1.05	N/A	136(SCC)	<5

**NOTE: This product contains an ingredient subject to Section 313 of SARA Title III.
N/A is not available o r not applicable. N/E is not established.

Section 3 - Physical Data

BOILING POINT (Deg. F):	Concentrate Range: 132 - 300
SPECIFIC GRAVITY (Water = 1):	Concentrate: .74
VAPOR PRESSURE (mmHg):	See Section 2
PERCENT VOLATILE BY WEIGHT (%):	90%
PERCENT VOLATILE ORGANIC COMPOUNDS:	62%
VAPOR DENSITY (Air = 1):	>1
EVAPORATION RATE (BA = 1):	>1
SOLUBILITY IN WATER:	Negligible
REACTIVITY IN WATER:	None
APPEARANCE AND ODOR:	CONCENTRATE: Clear liquid, irritating odor at high concentrations; PROPELLANT: Colorless, odorless gas; FINISHED PACKAGE: Pressurized containers.

Section 4 - Fire & Explosion Hazard Data

FLASH POINT:	See Section 2
FLAMMABLE LIMITS IN AIR - % BY VOLUME:	See Section 2
EXTINGUISHER MEDIA:	Water fog, dry chemical, carbon dioxide
AUTO-IGNITION TEMPERATURE:	Unknown
SPECIAL FIRE FIGHTING PROCEDURES:	Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained, positive pressure, respiratory equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Extremely flammable. Contents under pressure. Do not use or store near heat or ignition sources. Containers may burst at temperatures above 130 deg. F.

Section 5 - Health Hazard Data

THRESHOLD LIMIT VALUE: See Section 2

SIGNS AND SYMPTOMS OF EXPOSURE:

EYE CONTACT:	Contact with liquid or mist may cause irritation. Vapors may irritate eyes;
SKIN CONTACT:	Prolonged contact may cause irritation, defatting of skin;

Section 7 - Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment.

LARGE SPILLS: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

Section 8 - Special Protection Information

RESPIRATORY PROTECTION: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

VENTILATION:

LOCAL EXHAUST: To keep below TLV
MECHANICAL (General): To keep below TLV
SPECIAL: None
OTHER: None

PROTECTIVE GLOVES: Solvent resistant gloves - impervious gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None reasonably foreseeable.

Section 9 – Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 120 Deg. F. Do not use or store near any open flames or ignition sources.

OTHER PRECAUTIONS: Extremely flammable. Do not use or store near open flames, heat, or any sources of ignition. Contents under pressure. Do not puncture or incinerate. Vapors are heavier than air and will collect in low areas.

Section 10 - Regulatory Information

SUBJECT TO SECTION 313 OF SARA TITLE III: Yes - Xylene = 25%

ALL CHEMICAL COMPONENTS ARE LISTED IN THE TSCA INVENTORY.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NATIONAL TOXICOLOGY PROGRAM: No
I.A.R.C. MONOGRAPHS: No