

WHY CHOOSE SPRAYON® INDUSTRIAL INSULATING VARNISH?

Leading the Charge in Insulating Varnish



EL™ 600

CLEAR INSULATING VARNISH

EL™ 601

RED INSULATING VARNISH

EL™ 609

GREEN INSULATING VARNISH

- Meets performance requirements of ASTM D 115-07 4.2
- Improved dielectric strength
- Air Dries in 10 minutes
- Meets Class F Requirements
- Resists Oils, Moisture, Acids and Alkalis



PRESERVE. PROTECT. PREVENT.™

WHY CHOOSE SPRAYON® INDUSTRIAL INSULATING VARNISH?

Sprayon® Insulating Varnish is a coating with excellent insulating properties for impregnating and insulating electrical and electronic work. Excellent adhesion to metals, windings, coils. Air dries faster than most insulating materials. Protects surface against oils, moisture, acid and alkalis. Perfect for small field and magnet coils; penetrates oil and new windings; has excellent flexibility and water resistance. Can be used in a dip application and baked for faster cure rate and maximum hardness.

PROPERTIES

AEROSOL

RESIN TYPE: Epoxy / Phenolic

PROPELLANT: Hydrocarbon Blend

APPEARANCE: Available in red, green & clear

SHEEN: Semi-Gloss

% SOLIDS: 22.83

WT./GAL.: 6.62 lb/gal

SPECIFIC GRAVITY: 0.79

HAZARD CODE: 2, 4, 0

VOC: 55.17%

MIR: .806

OTC & CALIFORNIA COMPLIANT:

*Yes

FLAMMABLE: Yes

FLASH POINT: > 0°F

RECOMMENDED FILM THICKNESS:

1 Mil dft

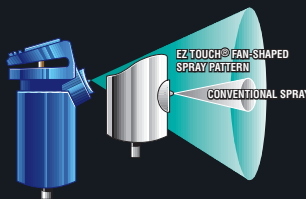
COVERAGE PER AEROSOL

(THEORETICAL):

10 SQ FT @ 1 MIL DFT

SHELF LIFE: 3 years from date of manufacture

* ELECTRICAL AEROSOL COATINGS ARE EXEMPT.



Aerosols are equipped with EZ TOUCH® Standard Nozzle for even coverage and improved comfort.

S00601000

S00600000

S00609000

WHY USE SPRAYON®?

MAXIMIZE THE PRODUCTIVITY AND SAFETY OF YOUR OPERATION.

THE HIGHEST PERFORMING MRO/INDUSTRIAL CHEMICALS AND LUBRICANTS NOW INTEGRATED WITH A NEW 5S VISUAL MANAGEMENT SYSTEM.

||| THE NEW INDUSTRIAL REVOLUTION.



PROPERTIES

BULK

RESIN TYPE: Epoxy / Phenolic

APPEARANCE: Red

SHEEN: Semi-Gloss

VISCOSITY: 60 KU @ 770F

% SOLIDS: 61.70

WT./GAL.: 9.12

SPECIFIC GRAVITY: 1.10

HAZARD CODE: 2, 3, 0

VOC: 418.31 g/l 3.49 lb/gal

MIR: .897

OTC & CALIFORNIA COMPLIANT: Yes

FLAMMABLE: Yes

FLASH POINT: 240F

RECOMMENDED FILM THICKNESS: 1 Mil dft

COVERAGE PER GALLON (THEORETICAL):

787 SQ FT @ 1 MIL DFT

SHELF LIFE: 3 years from date of manufacture.

PERFORMANCE

SPECIFICATION:

Meet performance requirements of ASTM D 115-07

4.2 Performance For:

4.2.1 Drainage: 22%

4.2.2 Time of Drying: See drying schedule

4.2.3 Build: 2.9 mm

4.2.8 Oil Resistance: See chemical resistance

TEMPERATURE CLASS: Class F (155°C / 310°F)

DRY HEAT RESISTANCE:

Constant: 310°F

Intermittently: 400°F

DIELECTRIC STRENGTH: (ASTM D 115-07)

Red: 2,600 VPM

Green: 2,890 VPM

Clear: 2,300 VPM

ONE WEEK HARDNESS: (ASTM D 3363 SHORE

A 24 hr / 1 Week): 6B

FLEXIBILITY: (ASTM D 522) Pass

CHEMICAL RESISTANCE:

Aliphatic hydrocarbon solvents: Moderate

Alkalis: Severe

Aromatic hydrocarbon solvents: Severe

Chlorinated solvents: Moderate

Salt water: Severe

Glycol ethers, alcohols: Severe

Inorganic acids: Severe

Organic acids: Severe

Oils: Severe

DRYING SCHEDULE

DRYING TIME AEROSOL @ 70°F @ 50% R.H.:

To Touch: 10-15 Minutes

To handle: 30 Minutes (Tack Free)

Full cure: 7 Days

DRYING TIME BULK @ 70°F @ 50% R.H. 1mil wft:

To Touch: 10 Minutes

To handle: 1 Hour (Tack Free)

Full cure: 7 Days

NOTE: Curing can be accelerated by baking for

1 hr @ 300 degrees F

RECOAT: Anytime

SURFACE PREPARATION

Must be applied directly to dry, clean surfaces and not over any other paint or coating. Proper surface preparation contributes to maximum service life of coatings. All contaminants (mill scale, rust, rust scale, chemicals, grease, oil, wax, weld spatter, old paint or other foreign matter must be removed down to bare metal.



SPRAYON® SYSTEM
PRODUCT ID TAGS



SPRAYON® SYSTEM
KANBAN TAGS



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SPRAYON® SYSTEM
MAGNETIC CAN HOLDERS

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Visit SprayonSystem.com

EL™ 600

CLEAR INSULATING VARNISH

USES

- Motor Windings
- Field Coils
- Transformers
- Armatures
- Commutator Ends
- Stator Windings
- Ring and Frames
- Bus Bars
- Sealing Electrical Switch-board Parts and Electronic Components



APPLICATION DIRECTIONS FOR AEROSOL

Remove all rust, scale, paint, grease or foreign matter. A good clean surface is necessary. Apply directly to DRY surface and not over any other paint or coating. Product should be sprayed in a well-ventilated area. Use at room temperature (70°F.) for best operation. Turn can upside down. Hit sides lightly while rotating can in 1/4 turns until agitator ball breaks loose. While holding can upright, alternately shake the can up and down and in a circle for 30-60 seconds until the agitator travels freely in the bottom. **NOTE: INSUFFICIENT MIXING MAY CAUSE PLUGGING TO OCCUR.** Press spray button firmly with the can 8" to 12" away from surface being coated. Move can with short dusting strokes, releasing button at the end of each stroke. Apply several thin coats. To prevent clogging, hold can upside down and spray until only clear gas comes out.

DIRECTIONS FOR BULK

Brush, Dip or Spray. Remove all rust, scale, paint, grease or foreign matter. A good, clean surface is necessary. Apply directly to DRY surface and not over any other paint or coating. **NOTE: Bulk Separation is normal.** Mix thoroughly before and stir throughout project to maintain uniform resin to pigment suspension. Apply at full strength for most applications. Clean all equipment with acetone after use.

CLEAN UP: Acetone

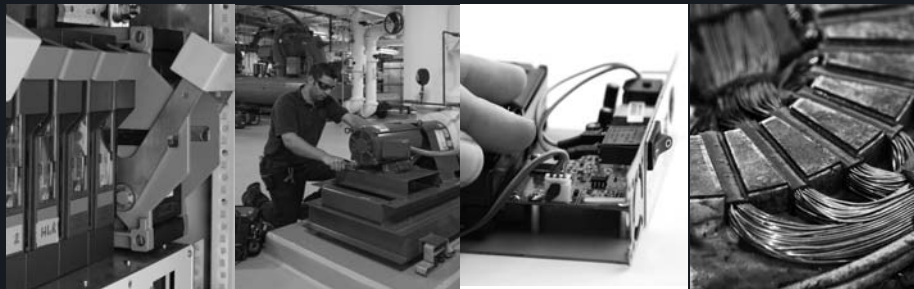
SHIPPING

Refer to section 14 of the material safety data sheet for proper transport information and labeling.

RESOURCES

MSDS/EDS/PRODUCT DATA SHEETS: www.Sprayon.com
 CUSTOMER SERVICE:
 1-800-777-2966
 TECHNICAL INFORMATION:
 1-800-251-2486

Sprayon Sku	UPC	Description	Quantity	Length	Width	Height
S00601000	0-75577-84213-1	Red	12	12.75	10.37	14.25
S00609000	0-75577-84215-5	Green	12	12.00	10.00	13.75
S00600000	0-75577-84214-8	Clear	12	12.00	10.00	13.75
A60110000	0-75577-84842-3	Red, 1 Gal.	4	12.25	12.37	12.50



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