

Product Data Sheet

No. **16084** - 03/21

RED INSULATING VARNISH

CARB VOC & MIR Exempt Aerosol Electrical Coating

PRODUCT NUMBERS: 6084 13-OZ. NET WT. AEROSOL

I. GENERAL DESCRIPTION

Description: Aervoe's Crown Red Insulating Varnish provides a tough industrial strength oil and waterproof coating to insulate electrical equipment and components. Provides outstanding adhesion to a variety of surfaces and contains an epoxy ester resin that is thermal rated class F.

Benefits: The flexible nature of this product, in a cured film, provides insulating protection while allowing for heat expansion and contraction. Red Insulating Varnish is highly resistant to oils, moisture, and temperature fluctuations. The cured coating is rated at 4,000 v/mil. Dries to the touch in 10 minutes. Dries to handle in 45 minutes.

Application: Use to protect electrical leads, coat frayed insulation and to restore dielectric properties lost from frictional wear. Additional uses are to insulate and seal out moisture from armature windings, high voltage circuits, for coating electrical windings that are exposed to moisture repeatedly.

Directions: Remove all loose dirt, dust, grease, wax, and rust particles from surface to be coated. For best results, apply at temperatures between 60° and 80°F (16° and 27°C). Two light coats are better than one heavy coat. Shake can vigorously for one minute. Hold can 12 to 14 inches from surface to be sprayed. The darkness of the color indicates the thickness of the coating. To prevent clogging, turn can upside down and spray for approximately three seconds to clear varnish in valve.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc.

Packaging:

Aerosol:

Cans (16 oz.)
12 cans/case

13 oz. net wt. (340 grams)
15 lbs. (5.6 kg)

15.1 fl. oz. (447 ml)
0.47 CF (0.013 CM)



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II. CHARACTERISTICS & PROPERTIES

Specifications:

None

Appearance:

Gloss at 60°>90

ClassGloss

Coverage:

Theoretical (at 1 mil dry)20 sq.ft./can

Practical (at 1/2 mil dry)40 sq. ft./can

Dry Schedule: (at 77°F [25°C], 50% Humidity at 1 mil, dry)

To touch.....10 min

To handle.....45 min

To recoatAnytime

Performance and Chemical Properties:

Weight per gallon6.8 lbs.

Specific gravity0.81

ViscosityNot applicable

Flammability: Label markingExtremely flammable

Flash point.....<0° F (18°C)

Operating temperature range.....60° to 80°F (16° to 27°C)

Percent solids by weight12%

Percent solids by volume10%

Percent pigment by volume0.3%

CARB MIR electrical coating).....Exempt

Interior durability.....Excellent

Exterior durabilityNot applicable

Temperature resistance.....Up to 500°F (260°C)

Color fastnessExcellent

AdhesionExcellent

Salt spray corrosionNot applicable

Mineral spirits resistance.....Very good

Gasoline resistance.....Poor

Motor oil resistance.....Excellent

Pencil hardness.....B

Food contact ratingNot applicable

Dielectric strength4,000 v/mil

III. SHIPPING, STORAGE AND HEALTH

UN number.....UN1950

Proper Shipping DescriptionAerosols

Hazard Class.....2.1

Packing GroupN/A

Limited QuantityYes

Warehouse storage level numberNFPA 30B Level 2

Storage temperature32° to 120°F (0° to 49°C)

Shelf life1 to 2 years

HMIS ratings

Health.....2

Fire4

Reactivity.....0

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

V. WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. User returns, exchanges and defective refunds must be made with the original place of purchase. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase.