

Product Data Sheet

No. **16084** - 03/12

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 Material Safety Data Sheet for specific information on material hazards, etc.

Packaging:

Aerosol:

Cans (211x604)
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)

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.....50° to 90°F (10° to 32°C)
Percent solids by weight12%
Percent solids by volume10%
Percent pigment by volume0.3%
Volatile Organic Compound level.....CARB VOC & MIR 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

	Aerosol
IMDG number.....	UN 1950
D.O.T. container spec.....	2P
D.O.T. shipping description.....	Consumer Commodity
Warehouse storage level number.....	NFPA 30B Level 2
Hazardous class (CFR-49).....	ORM-D
Storage temperature.....	32° to 120°F (0° to 49°C)
Shelf life.....	12 to 24 months
HMIS ratings	
Health.....	2
Fire.....	4
Reactivity.....	0

IV. MISCELLANEOUS

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

V. WARRANTY

The statements made herein, on labels, product bulletins or by any of our employees or agents concerning this material are given for information only. Any liability whatsoever of Aervoe Industries, Inc. to the user of the product, is limited to replacement of the product or purchase price refunded.

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