

Product Data Sheet

No. 1595 - 02/21

UNDERCOATING & SOUND INSULATOR

CARB MIR <1.60 (FLEXIBLE COATING)

PRODUCT NUMBERS: 595 15 OZ NET WT AEROSOL

I. GENERAL DESCRIPTION

Description: Aervoe Undercoating & Sound Insulator is a quick-drying, black, rubberized film designed to offer maximum coverage, durability and protection against corrosion. It provides superior insulation properties against road and chassis noise.

Benefits: This multi-purpose coating provides a superior protection against rust, road salt, dust, fumes and moisture. It is designed to protect metal from corrosion and abrasion. Effective after repairs and on replacement parts. Remains flexible and will not flake or chip off under vibration. Deadens sound. Reduces downtime by several seasons when applied to swamp coolers or tower coolers. Provides superior performance to that of submarine cooler coatings.

Application: Use on auto underbodies, trunks, fender and body seams, rust holes, weld joints, gas tanks, fender and panel replacements. Also useful for sealing rain gutters, coating tree wounds, minor roof repairs, driveway cracks, swamp and tower cooler coating, etc.

Directions: Align spray head with black mark on valve rim to ensure complete evacuation. Before spraying, shake can vigorously for at least 1 minute after agitator ball is heard and intermittently thereafter. Surface must be dry and free of dust, dirt, and heavy corrosion. For best results product should be used at temperatures between 60° and 80° F (16° and 27° C). Hold can 10 to 12 inches from surface to be coated, and press spray head firmly. Material is delivered in a high pressure conical spray pattern, use steady, even strokes while spraying, making sure to keep spraying hand in motion. Two light coats are better than one heavy coat. Immediately remove any overspray with a cloth dampened in mineral spirits or safety solvent. Spray in well ventilated area. After spraying, turn can upside down and press button for approximately two seconds to clear material from valve and tip. If undercoating is to be top coated, use a good quality flexible enamel or lacquer. Test paint-cured panel (24 hours) to ensure paint compatibility before use.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. **Note that car trunks and interior areas require special attention to remove vapors. On cars with catalytic converters, avoid application of an undercoat or rust proofing material on or near converter, muffler, exhaust and tail pipes due to extreme heat generated by system.**

Packaging:

Aerosol:

Cans (16 oz.)
12 cans/case

15 oz. net wt. (425 grams)
16 lbs. (7.3 kg)

19.0 fl. oz. (562 ml)
0.55 CF (0.016 CM)



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II. CHARACTERISTICS & PROPERTIES

Specifications:

.....None

Appearance:

Gloss at 60° F<5
Class Flat

Color:

.....Black

Coverage:

Theoretical-at 1 mil dry22 sq. ft./can
Practical-at 1/2 mil dry44 sq. ft./can
Dry Schedule:
To touch45 min.
To handle1 hr.
Full cure72 hrs.
To recoatBefore 2 hrs. or after 72 hrs.

Performance and Chemical Properties:

Weight per gallon6.24 lbs
Specific gravity0.75
ViscosityN/A
Flammability: Label markingExtremely Flammable
Flash point<0° F (-18° C)
Application temperature50° F to 90° F (10° to 32° C)
Percent solids by weight29%
Percent solids by volume24%
Percent pigment by volume9%
CARB MIR (flexible coating)<1.60
Dielectric strengthN/A
Interior durabilityExcellent
Exterior durabilityVery Good
Film temperature resistanceGood to 300° F (148° C)
Softening point150° F (65° C)
Color fastnessExcellent
Adhesion (ASTM) D3359Very Good
Salt spray corrosion (ASTM B117)Good
Mineral Spirits resistanceGood
Gasoline resistance.....Good
Motor oil resistanceGood
Pencil hardness (ASTM D3363)<2B

Base Materials:

Resin systemSynthetic Rubber, Alkyd
Solventsn-Butyl Acetate, Aliphatic Petroleum Distillates
Propellent:Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

Aerosol
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 3 years
HMIS ratings
Health.....2
Fire.....4
Reactivity.....1

IV. MISCELLANEOUS

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

V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aerovoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.