

Product Data Sheet

No. 1188 - 04/23

MRO BRITE GALVANIZE COATING

AEROSOL CARB MIR \leq 1.25

PRODUCT NUMBERS: 188 - 12 OZ. NET WT. AEROSOL

I. GENERAL DESCRIPTION

Description: Aervoe's MRO Brite Galvanize Coating provides a cost-effective, post process, bright zinc primer to repair hot-dip galvanizing that has been damaged by abrasion, scratching, cutting, or welding. With 65% zinc flake in the dry film, it is useful in the welding process of hot dipped galvanized construction; from fabrication to maintenance, and repair.

Benefits: The coating dries to a tough film and acts as a bright metallic primer for iron, steel, and their welds. Restores galvanized surfaces to the bright look of hot-dip.

Application: Use on pipes, heavy equipment, highway guard rails, hand rails, welds, metal chain fences, bridges, storage tanks, corrugated metal buildings, transformers, television towers, signs, and sign posts, railroad equipment, construction equipment and anywhere the bright look of hot-dipped surfaces is desired.

Directions: Apply directly to metal or galvanized surfaces that are free of dirt, dust, oil, grease, old paint, heavy mill scale, old paint, grease, moisture, and any other contaminants. Clean severely rusted areas with a wire brush to remove loose scale. For best results, use at temperatures between 60° and 80°F (16° to 27°C). Application of heat will accelerate dry time. Align spray head with black mark on valve rim to insure complete evacuation of contents. Vigorously shake can for 2 minutes after hearing rattle of agitator ball (ball should release in 10 to 30 seconds), and intermittently (1 to 2 seconds) during use. Apply from a distance of 8 to 12 inches. Spray in light, sweeping strokes to avoid run and sags. Two light coats are better than one heavy coat. When finished, invert the can and spray for two seconds to clear dip tube, valve and tip to prevent zinc from drying in those areas.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. Do not apply at temperatures below 40°F (4°C), or if rain is imminent within 6 hours of application. Galvanizing products have a limited shelf life; use them within 12 months from the date of manufacture (guarantee is for 6 months from date of purchase and 12 months from date of manufacture).

Packaging:

Aerosol:

Cans (16 oz.)

12 net wt. (340 g)

13.6 fl. oz. (402 ml)

Case (12/case):

13 lbs. (5.9 kg)

0.47 CF (0.013 CM)



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II. CHARACTERISTICS & PROPERTIES

Specifications: Aerosol complies with CARB MIR regulations

Appearance:

ClassMetallic

Coverage:

Theoretical (at 1 mil dry) 13 sq. ft./can

Practical (at 1/2 mil dry) 26sq. ft./can

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

To touch..... 10 min

To handle..... 30 min

To recoatAfter 24 hrs.

Full cure 24 hrs.

Performance and Chemical Properties:

Weight per gallon 7.2 lbs/gal

Specific gravity 0.9

Flammability: Label markingExtremely flammable

Flash point.....<0°F (-18°C)

Operating temperature range..... 50° to 90°F (10° to 32°C)

Percent solids by weight 25%

Percent solids by volume 7%

Percent pigment by volume..... 2%

CARB MIR limit (metallic coatings)≤1.25

Interior durability..... Excellent

Exterior durability Excellent

Temperature resistance..... 150°F (65°C)

Color fastness Excellent

Adhesion (ASTM D3359)..... Excellent

Salt spray corrosion (ASTM B117)..... 350 hrs.

Paint thinner resistance..... Excellent

Gasoline resistance..... Poor

Motor oil resistance Very Good

Pencil hardness (ASTM D3363)..... <2B

Food contact rating USDA accepted Category 21

Base Materials

Resin system..... Acrylic

Solvents (top two) Acetone, n-Butyl Acetate

Propellant system..... Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

UN number..... UN1950

Proper Shipping Description Aerosols

Hazard Class..... 2.1

Packing Group N/A

Limited Quantity Yes

Warehouse storage level number NFPA 30B Level 2

Storage temperature 32° to 120°F (0° to 49°C)

Shelf life 1 year

HMIS ratings

Health 2

Fire..... 4

Reactivity 1

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.