

Product Data Sheet

No. **15001** - 05/23

SUPREME COLOR SHIELD™ - AEROSOL

CARB MIR: NON-FLAT <0.95

PRODUCT NUMBERS: 5049 - METER GRAY (ANSI-49)*

I. GENERAL DESCRIPTION

Description: Using a 360° valve system, this superior coating is formulated for industrial, commercial, or institutional applications where surfaces are exposed to harsh environments including moisture, U.V. Light exposure, chemicals, and extreme temperatures. Supreme Color Shield is formulated with the highest solids and pigment load to provide a top performing industrial paint. Provides high gloss and single coat coverage with excellent fade resistance and long lasting corrosion protection.

Benefits: Supreme Color Shield forms an impenetrable barrier effective against rust and harsh environments. Provides full coverage in just one coat. Tough finish resists cracking, chipping, and peeling. This product exceeds many performance standards of nationally recognized brands, saving you time and money. Superior gloss and color retention. Optimum corrosion protection even without primer. Perfect for large or small projects. Heat resistant to 300°F (149°C). Acceptable as a coating in federally inspected meat and poultry plants for application to structural surfaces where there is a possibility of incidental food contact.

Application: Use on bare metal, iron steel, aluminum, wood, and masonry. Ideal for use on structural steel, machinery, storage tanks, fencing, metal doors, outdoor garden furniture, and equipment.

Directions: Before spraying, shake can vigorously for at least one minute after rattle of agitator ball is heard. Surfaces must be dry and free of dust, dirt, oil, grease, wax and other contaminants that would adversely affect paint adhesion. On bare metal or lightly rusted surfaces, Zynolyte Multi-Purpose Primer is recommended prior to finish color application. Extremely slick, glossy surfaces should be lightly sanded. Wipe surface with tack cloth to remove debris. Use only when can temperature is between 60°F and 80°F (16°C and 27°C). Mask and protect areas not to be sprayed to reduce clean up. Hold can 8 to 14 inches from surface to be coated, and press spray head firmly. Use steady, even strokes while spraying. Two light coats are better than one heavy coat. Wait one to two minutes before recoat. Spray in well ventilated area.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. Please check all plastic surfaces for adhesion and compatibility before each use.

Packaging:

Aerosol:	Cans (20 oz.)	15 oz. net wt. (425 g)	17 fl. oz. (503 ml)
	6 cans/case	8 lbs. (3.64 kg)	0.29 CF (0.008 CM)



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II. CHARACTERISTICS & PROPERTIES

Specifications:

Complies with CARB MIR regulations

Appearance:

Gloss at 60°F Gloss 90
Class Gloss

Coverage:

Theoretical—at 1 mil dry 30 sq. ft./can
Practical—at 1/2 mil dry 60 sq. ft./can

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

To touch 15 min.
To handle 3 hours
To recoat Before 3 hrs. or after 72 hrs.
Full cure 72 hrs.

Performance and Chemical Properties:

Weight per gallon 6.13 lbs
Specific gravity 0.73
Viscosity Not applicable
Flammability: Label marking Extremely flammable
Flash point <0°F (-18°C)
Operating temperature range 50° to 100°F (10° to 38°C)
Percent solids by weight 19%
Percent solids by volume 14%
Percent pigment by volume 2%
CARB MIR (Non-flat) <1.40
Dielectric strength Not applicable
Interior durability Excellent
Exterior durability Excellent
Temperature resistance 300°F (149°C)
Color fastness Excellent
Adhesion Excellent over properly prepared surfaces
Mineral Spirits resistance Good
Gasoline resistance Poor
Motor oil resistance Good
Pencil hardness (ASTM D3363) H
Salt spray corrosion (ASTM B117) 200 hrs.

Base Materials:

Resin system Acrylic VT Alkyd
Solvents (two top) Acetone, VM&P Naphtha
Propellent system Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

UN number 1950
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 to 2 years

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.