

Product Data Sheet

No. **15001** - 02/16

SUPREME COLOR SHIELD™ - AEROSOL

CARB VOC/MIR: FLAT <60%/1.20; NON-flat <65%/1.40; METALLIC <80%/1.90

PRODUCT NUMBERS:

5001 - ALUMINUM	5010 - SAFETY ORANGE	5018 - FLAT WHITE
5004 - SAFETY BLUE	5012 - SAFETY RED	5019 - WHITE
5006 - SAFETY GREEN	5014 - SAND	5020 - LIGHT GRAY (ANSI-61)
5007 - HUNTER GREEN	5016 - FLAT BLACK	5049 - METER GRAY (ANSI-49)
5008 - SAFETY YELLOW	5017 - BLACK	5050 - PADMOUNT GREEN

I. GENERAL DESCRIPTION

Description: 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. Available in 20 colors, including 5 OSHA Safety colors and select factory equipment touch-up colors.

Benefits: Supreme Color Shield forms an impenetrable barrier effective against rust and harsh environments. Most colors provide 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: Align spray head with red mark on valve rim to ensure complete evacuation. 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. To prepare can for storage, turn can upside down and press spray tip for 2 to 3 seconds to clear paint from valve and tip.

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 (211x713) 6 cans/case	15 oz. net wt. (425 g) 8 lbs. (3.64 kg)	17 fl. oz. (503 ml) 0.29 CF (0.008 CM)
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II. CHARACTERISTICS & PROPERTIES (average for all colors)

Specifications:

Complies with CARB VOC & MIR regulations

Appearance:

Gloss at 60°F Flat <5/Gloss 90
Class Flat, Gloss, Metallic

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 30 min.
To recoat Before 2 hrs. or after 72 hrs.
Full cure 72 hrs.

Performance and Chemical Properties:

Weight per gallon 6.37 lbs
Specific gravity 0.77
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 12%
Percent pigment by volume 2%
VOC level (Flat, Non-flat, Metallic) 60%; <65%; <80%
CARB MIR (Flat, Non-flat, Metallic) <1.20; <1.40; <1.90
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 1
Fire 3
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.