

# Product Data Sheet

No. 15001 - 6/08

## SUPREME COLOR SHIELD - Premium Spray Paint

Aerosol CARB MIR Non Flat  $\leq 1.40$ , Flat  $\leq 1.20$ , Metallic  $\leq 1.90$

PRODUCT NUMBER:	5001 - Aluminum	5007 - Hunter Green	5013 - Brite Red	5019 - White
	5002 - Silver	5008 - Safety Yellow	5014 - Sand	5020 - Light Gray (ANSI-61)
	5003 - Gold	5009 - Equipment Yellow	5015 - Brown	5049 - Dark Gray (ANSI-49)
	5004 - Safety Blue	5010 - Safety Orange	5016 - Flat Black	5050 - Padmount Green
	5005 - Light Blue	5011 - Equipment Orange	5017 - Black	
	5006 - Safety Green	5012 - Safety Red	5018 - Flat White	

### I. GENERAL DESCRIPTION

**Features:** 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. Long-lasting corrosive protection. Available in 22 colors, including five OSHA Safety colors and selected factory equipment touch-up colors.

**Benefits:** Aervoe 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.

**Applications:** Use Supreme Color Shield when a premium finish and long-lasting protection against the elements is desired. 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:** Surface must be clean, dry and free of any oil, grease, or wax, as these can affect film adhesion. Loose flakes and particles should be removed with a wire brush or sandpaper. For maximum rust preventive protection on metal surfaces, prime first with Zynolyte Multipurpose Primers Z8070, Z8072, Z8074, Z8076, Z8077, Z8078, or Z8079. For best results, product should be used at temperatures between 60° and 80°F (16° and 27°C). Shake can for at least two minutes after rattle of agitator ball is heard. shake can for 10 seconds every two minutes during use. Hold can 8 to 14 inches from the surface. Press spray head firmly, and apply with steady, even strokes. Two light coats are better than one heavy coat. Prior to storing partially used can, clear spray tip by holding upside down and pressing tip for 2 to 3 seconds.

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

#### Packaging:

<b>Aerosol:</b>	Cans (211 x 713)	15 oz. net wt. (425 grams)	17 fl. oz. (503 ml)
	Case - 6 cans/case	8.0 lbs. (3.64 kg)	.29 CF (.008 CM)



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## II. CHARACTERISTICS AND PROPERTIES Average for all colors

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### Specifications:

Aerosol conforms to the requirements of the revised FSIS Directive 11,00.4 Rev. 1 dated November 24, 1995, Procedures for Service and Repair Materials, and is acceptable as a coating in federally inspected meat and poultry plants for application to structural surfaces or surfaces where there is a possibility of incidental food contact.

### Appearance:

Gloss at 60° ..... Flat <5 / Gloss 90  
Class ..... Flat / Gloss

### Coverage:

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

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

To touch ..... 15 min  
To handle ..... 30 min  
Full cure ..... 72 hrs  
To recoat ..... Before 2 hrs. or after 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%  
CARB MIR ..... Non Flat ≤1.40, Flat ≤1.20, Metallic ≤1.90  
Interior durability ..... Excellent  
Exterior durability ..... Excellent  
Temperature resistance ..... 300°F (149°C)  
Color fastness ..... Excellent  
Adhesion ..... Good  
Salt spray corrosion ..... 500 hrs.  
Mineral spirits resistance ..... Good  
Gasoline resistance ..... Poor  
Motor oil resistance ..... Good  
Pencil hardness ..... H  
Food contact rating ..... See "Specifications"

### Base Materials:

Resin system ..... Acrylic Alkyd  
Solvents (top two) ..... Acetone, VM&P Naptha  
Propellant system ..... Hydrocarbon

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## III. SHIPPING, STORAGE AND HEALTH

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	<b>Aerosol</b>
IMDG number .....	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) .....	<b>ORM-D</b>
Storage temperature .....	32° to 120°F (0° to 49°C)
Shelf life .....	12 months to 24 months
HMIS ratings	
Health .....	2
Fire .....	4
Reactivity .....	1

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## IV. MISCELLANEOUS

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

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## V. WARRANTY

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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 Aerove Industries to the use of the product, is limited to replacement of the product or purchase price refunded.