

# Product Data Sheet

No. 1510 - 02/16

## ENGINE ENAMEL - AEROSOL

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

### PRODUCT NUMBERS:

510 - UNIVERSAL CLEAR	520 - CHEVROLET ORANGE	560 - FORD BLUE	570 - UNIVERSAL SILVER
511 - UNIVERSAL WHITE	530 - CADILLAC GOLD	561 - CHEVROLET BLUE	575 - DULL ALUMINUM
512 - FLAT BLACK	540 - ALPINE GREEN	562 - G.M. BLUE	580 - CUMMINS BEIGE
513 - SATIN BLACK	550 - FORD RED	566 - FORD-MERC. BLUE	582 - CAST IRON GRAY
514 - GLOSS BLACK	551 - FORD GRAY	568 - CHRYSLER BLUE	583 - STEEL BLAST GRAY

### I. GENERAL DESCRIPTION

**Description:** Aervoe Engine Enamel is a fast drying and heat resistant paint (up to 500°F/260°C) that is formulated to keep engine surfaces from pitting and rusting while maintaining color and high gloss. Excellent for engine blocks, radiators, pipes, transmissions, equipment, etc. Designed to meet the demands of the professional engine re-builder.

**Benefits:** Prevents blistering, cracking, peeling, and lifting at engine temperatures. These fast-drying enamels are formulated to produce a coating of superior durability and fade resistance under a variety of harsh conditions. Prevents metal surfaces from rusting and pitting. When dry, coating is resistant to grease, oil, and gasoline. These lead-free colors are formulated to match OEM factory specifications.

**Application:** Use on cast metal engine blocks, transmissions, pipes, radiators, farm and marine equipment, and other automotive and industrial equipment.

**Directions:** Align spray head with black 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. 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 6 to 12 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. 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. Product is works best when applied when humidity is moderate to low. Do not apply if air and surface temperatures are below 40°F (4°C), or if rain is imminent within 6 hours. Do not apply to the exhaust system, use Aervoe Hi-Temp paints.

#### Packaging:

Cans - (211 x 604)	12 oz. net wt. (340 grams)	14.1 fl. oz. (417 ml)
Case - 6 cans/case	7 lbs. (3.2 kg)	0.44 CF (0.012 CM)

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**II. CHARACTERISTICS & PROPERTIES (AVERAGE FOR ALL COLORS)**

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**Specifications:**

Complies with CARB VOC &amp; MIR regulations

**Appearance:**Gloss at 60°F .....>90  
Class .....High Gloss**Coverage:**Theoretical-at 1 mil dry .....29 sq. ft./can  
Practical-at 1/2 mil dry .....58 sq. ft./can**Dry Schedule:**To touch .....15 min.  
To handle .....3 hrs.  
To recoat .....Before 3 hrs. or after 72 hrs.  
Full cure .....72 hrs.**Performance and Chemical Properties:**Weight per gallon .....6.8 lbs.  
Specific gravity .....0.8  
Viscosity .....Not Applicable  
Flammability: Label marking .....Extremely Flammable  
Flash point .....<0°F (-18°C)  
Operating temperature range .....60°F to 80°F (16° to 27°C)  
Percent solids by weight .....23%  
Percent solids by volume .....15%  
Percent pigment by volume .....1.4%  
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 .....500°F (260°C)  
Color fastness .....Excellent  
Adhesion (ASTM D3359) .....Excellent  
Mineral Spirits resistance .....Good  
Gasoline resistance .....Good  
Motor oil resistance .....Very Good  
Pencil hardness (ASTM D3363).....H  
Salt spray corrosion (ASTM B117) .....400 hrs.**Base Materials:**Resin system .....Short Oil Alkyd  
Solvents .....Acetone, n-Butyl Acetate  
Propellent:.....Hydrocarbon

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**III. SHIPPING, STORAGE AND HEALTH**

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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 to 2 years

## 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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1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe 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.