

Product Data Sheet

No. 1510 - 12/21

ENGINE ENAMEL - AEROSOL

CARB MIR: FLAT ≤ 0.80 ; NON-FLAT ≤ 0.95 ; METALLIC ≤ 1.25

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 - (16 oz.)	12 oz. net wt. (340 grams)	14.1 fl. oz. (417 ml)
Case - 12 cans/case	14 lbs. (6.4 kg)	0.47 CF (0.013 CM)

II. CHARACTERISTICS & PROPERTIES (AVERAGE FOR ALL COLORS)

Specifications:

Complies with CARB VOC & MIR regulations

Appearance:

Gloss at 60°F<5; 35-70; >90
ClassFlat; Semi-Gloss; High Gloss

Coverage:

Theoretical-at 1 mil dry21 sq. ft./can
Practical-at 1/2 mil dry42 sq. ft./can

Dry Schedule:

To touch15 min.
To handle3 hrs.
To recoatBefore 3 hrs. or after 72 hrs.
Full cure72 hrs.

Performance and Chemical Properties:

Weight per gallon6.18 lbs.
Specific gravity0.7
ViscosityNot Applicable
Flammability: Label markingExtremely Flammable
Flash point<0°F (-18°C)
Operating temperature range60°F to 80°F (16° to 27°C)
Percent solids by weight18%
Percent solids by volume12%
Percent pigment by volume1.4%
CARB MIR (Flat, Non-flat, Metallic)≤0.80; <0.95; <1.25
Dielectric strengthNot Applicable
Interior durabilityExcellent
Exterior durabilityExcellent
Temperature resistance500°F (260°C)
Color fastnessExcellent
Adhesion (ASTM D3359)Excellent
Mineral Spirits resistanceGood
Gasoline resistanceGood
Motor oil resistanceVery Good
Pencil hardness (ASTM D3363).....H
Salt spray corrosion (ASTM B117)400 hrs.

Base Materials:

Resin systemShort Oil Alkyd
SolventsAcetone, n-Butyl Acetate
Propellent:.....Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

UN number.....UN1950
Proper Shipping DescriptionAerosols
Hazard Class.....2.1
Packing GroupN/A
Limited QuantityYes
Warehouse storage level numberNFPA 30B Level 2
Storage temperature32° to 120°F (0° to 49°C)
Shelf life1 to 2 years

HMIS ratings

Health2
Fire.....4
Reactivity1

IV. MISCELLANEOUS

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

V. WARRANTY

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.