

Product Data Sheet

No. 11501 - 04/13

INDUSTRIAL SHOP PRIMER

BULK; VOC <420G/L

PRODUCT NUMBERS:

1501 - BLACK 1510 - RED OXIDE
1502 - GRAY 1511 - BROWN

Product number plus letter designation is as follows:
F = 1 five-gallon pail; D = 50-gallon drum

I. GENERAL DESCRIPTION

Features: This low cost, industrial shop primer is designed to cover any hard surface. The hard, durable finish meets the demands of steel fabrication shops where space limitations dictate quick coating and stacking times. The specialty coating provides a smooth, highly pigmented surface.

Benefits: Provides cost effective primer protection without a topcoat wherever specified material is not required. Product does not contain heavy metals such as lead, chromium, mercury, and cadmium. Dry film thickness of 2.5 mils can be achieved in one coat.

Uses: A single prime coat for structural steel or wood in non-chemical exposures. Top coating is not recommended. This product has inconsistent color, viscosity, and solids and **SHOULD NOT BE USED AS A TOP COAT.**

Applications: Surface must be free of dirt, dust, wax, and oil. Remove any grease or oil from the surface to be coated with clean rags soaked in an appropriate solvent. Remove all loose contaminants, mill scale, and rust by hand or power tool. For maximum performance on steel, a commercial-grade sandblast is recommended. Material and surface temperature should be 50° to 90°F (10° to 32°C) for best results. Application outside this normal temperature range can be accomplished with special solvent and thinning techniques. Consult Aervoe Technical Department. Product may be applied by airless or conventional spray without thinning. Low cost solvents, such as mineral spirits or VM&P naphtha may be used for clean up and thinning if necessary.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. Not recommended as a primer for coatings containing strong solvents, such as vinyls or epoxies. Please check your local air quality standards before using any bulk paint. Color variation from batch to batch is typical. Not for sale in California.

Packaging:

Liquid Bulk:	5-gallon pails:	53 lbs. (24 kg)	0.7 CF (0.02 CM)
	50-gallon drums:	530 lbs. (240.4 kg)	6.7 CF (0.19 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications:

None

Appearance:

Gloss at 60° < 25

Class Non Flat

Coverage:

Theoretical—at 1 mil dry 1027 sq. ft./gal.

Practical—at 1/2 mil dry 2054 sq. ft./gal.

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

To touch 20 min to 2 hours

To handle 2 to 24 hours

Full cure 24 to 72 hrs

To recoat 20 min.

Performance and Chemical Properties:

Weight per gallon 9.0 to 10.8 lbs

Specific gravity 1.1 to 1.3

Viscosity 65 to 90 KU for 1501, 1502, 1510

Viscosity 55 to 65 KU for 1511

Flammability: Label marking Extremely Flammable

Flash point < 20°F (-7°C)

Operating temperature range 50° to 90°F (10° to 32°C)

Percent solids by weight 60 - 67%

Percent solids by volume 62 - 68%

Percent pigment by volume 3 - 10%

Volatile Organic Compound level <420 grams per liter

Interior durability Excellent

Exterior durability Good

Temperature resistance 200°F (93°C)

Adhesion Very good, 3B (ASTM D3359)

Mineral spirits resistance Very Good at 50 rubs

Gasoline resistance Poor

Motor oil resistance Excellent at 50 rubs

Pencil hardness F (ASTM D3363)

Base Materials:

Resin system Alkyd, Hydrocarbon

Solvents (top two) Acetone, Aliphatic

Propellant system Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

UN number UN1263

Proper Shipping Description Paint

Hazard Class 3

Packing Group II

Limited Quantity Container Size Determines Applicability

Warehouse storage level number Flammable liquid class 1-B

Storage temperature 40° to 120°F (4° to 49°C)

Shelf life 1 year

HMIS ratings

Health 2

Fire 1

Reactivity 1

IV. MISCELLANEOUS

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

V. WARRANTY

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 Aervoe Industries, Inc. to the user of the product, is limited to replacement of the product or purchase price refunded.