

Product Data Sheet

No. **18070** - 09/10

MULTIPURPOSE PRIMERS

AEROSOL VOC <60%, CARB MIR 1.20 FLAT

PRODUCT NUMBERS:

Z8070 - DARK GRAY	Z8077 - GREEN
Z8072 - GRAY	Z8078 - BLACK
Z8074 - RED OXIDE	Z8079 - YELLOW
Z8076 - WHITE	

Product number plus letter designation is as follows:

G = 2 one-gallon cans per case; F = 1 five-gallon pail; D - 55-gallon drum

I. GENERAL DESCRIPTION

Description: Zynolyte Multipurpose Primers are a non-lifting, high quality primer coating for use on surfaces where good adhesion is needed before top/finish coat. This quick dry primer will prepare and seal both porous and nonporous surfaces, enhancing the quality of any finish.

Benefits: These primers bond extremely well to bare metal, preventing rust corrosion. Provides adhesion to bare surfaces in order to present maximum cohesion with final top coatings. When used on wood, primers fill in grain and surface imperfections.

Application: Use as a preparatory measure whenever a quality finish is desired over metal or wood. Can be applied to machinery, railings, electrical motors, presses, shop equipment, shelving, compressors, generators, bicycles, appliances, ladders, wood furniture, and any other objects where a smooth, even appearance is intended.

Directions: Surface must be clean, dry, and free from dirt, dust, grease, and wax. Mask and protect areas not to be painted. For best results, use at temperatures between 55° and 80°F (13° and 27°C). Two light coats are better than one heavy coat. A second primer coat may be applied at any time. Top/finish coat should be applied within 24 hours after primer coat. Wet sanding or a scuff pad are recommended if surface in not top-coated within one week of primer coating. Aerosol: Shake can for at least one minute after rattle of agitator ball is heard, and intermittently during use. Hold can 6 to 10 inches from surface to be coated. Press sprayhead firmly while keeping can in motion. Turn insert part of sprayhead to adjust spray pattern. After spraying, prepare can for storage by turning upside down and spraying for 2 to 3 seconds to clear paint in valve. Dry to touch in 10 minutes and dry to handle in 30 minutes. Top coat anytime. Bulk: Mix contents well before and intermittently during use. Thin with Aervoe #494 Thinner (75% acetone/25% xylene) up to 10% if required. Apply with brush, roller, or most types of conventional spray equipment.

Limitations: Please refer to the Material Safety Data Sheet for specific information on material hazards, etc.

Packaging:

Aerosol:	Cans (211x604)	11 net wt. (312 g)	13.22 fl. oz. (390.9 ml)
	Case (6/case):	7 lbs. (3.2 kg)	0.44 CF (0.012 CM)
Liquid Bulk:	Case 2 gallon cans (mt. rd.)	27 lbs. (12.2 kg)	1.0 CF (0.025 CM)
	5-gallon pail (mt. rd.)	62 lbs. (28.1 kg)	1.2 CF (0.034 CM)
	55-gallon drum (mt. rd.)	615 lbs. (279 kg)	8.5 CF (0.24 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications: Meets ASTM 03359-90, Method A

Appearance:

Gloss at 60°	5%
Class	Flat

Coverage:

	Aerosol	Bulk
Theoretical—at 1 mil dry	34 sq. ft./can	816 sq. ft./gal
Practical—at 2 mil dry	68 sq. ft./can	1632 sq. ft./gal

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

To touch	10 min	10 min.
To handle	30 min.	30 min.
Full cure	24 hrs.	24 hrs.
To recoat	Anytime	Anytime

Performance and Chemical Properties:

Weight per gallon	7.25 lbs.	11.46 lbs.
Specific gravity	0.90	1.38
Viscosity	Not applicable	62-68 KU
Flammability: Label marking	Extremely flammable	Flammable
Flash point	< 0°F (-18°C)	<73°F (23°C)
Operating temperature range	55° to 80°F (13° to 27°C)	55° to 80°F (13° to 27°C)
Percent solids by weight	42%	69%
Percent solids by volume	20%	51%
Percent pigment by volume	9.3%	23.9%
Volatile Organic Compound level	<60%	477 grams/liter average
MIR	1.20	N/A
Interior durability	Excellent	Excellent
Exterior durability	Good	Good
Temperature resistance	200°F (93°C)	200°F (93°C)
Color fastness	Fair	Fair
Adhesion	Excellent	Excellent
Salt spray corrosion	Good	Good
Mineral spirits resistance	Good	Good
Gasoline resistance	Fair	Fair
Motor oil resistance	Good	Good
Pencil hardness	2B	2B

Base Materials

Resin system	Phenolic Alkyd	Phenolic Alkyd
Solvents (top two)	Acetone, N-Butyl Acetate	Acetone, N-Butyl Acetate
Propellant system	Hydrocarbon	N/A

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	Bulk
IMDG number	1950	1263
D.O.T. container spec	2P	1A1 or 1A2
D.O.T. shipping description	Consumer Commodity	Paint related material
Warehouse storage level number	NFPA 30B Level 2	Flammable Liquid class 1-B
Hazardous class (CFR-49)	ORM-D	Flammable Liquid
Storage temperature	50° to 120°F (10° to 49°C)	50° to 120°F (10° to 49°C)
Shelf life	12-24 months	24 to 60 months
HMIS ratings		
Health	2	2
Fire	4	3
Reactivity	1	0

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.

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