

Product Data Sheet

No. **18070** - 05/16

MULTIPURPOSE PRIMERS

AEROSOL VOC <60%, CARB MIR 1.20 FLAT, BULK <340 G/L

PRODUCT NUMBERS:

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

Product number plus letter designation is as follows:

G = 2 one-gallon cans per case; F = 1 five-gallon pail; D - 50-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 60° and 85°F (16° and 29°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 is 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 acetone if required. Apply with brush, roller, or most types of conventional spray equipment.

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

Packaging:

Aerosol:	Cans (211x604)	11 oz. 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)
	50-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
ClassFlat

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.....	60-70 KU
Flammability: Label marking	Extremely flammable.....	Flammable
Flash point.....	< 0°F (-18°C)	<73°F (23°C)
Operating temperature range.....	50 to 95°F (10° to 35°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%	<340 g/L
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
UN number.....	UN1950.....	UN1263
Proper Shipping Description	Aerosols.....	Paint
Hazard Class.....	2.1	3
Packing Group	N/A.....	II
Limited Quantity	Yes.....	Container size determines applicability
Warehouse storage level number	NFPA 30B Level 1.....	Flammable liquid class 1-B
Storage temperature	50° to 120°F (10° to 49°C).....	50° to 120°F (10° to 49°C)
Shelf life	1 to 2 years.....	1 to 5 years
HMIS ratings		
Health	2.....	2
Fire.....	4.....	3
Reactivity	1.....	1

IV. MISCELLANEOUS

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

V. WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. User returns, exchanges and defective refunds must be made with the original place of purchase. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase.