

# Product Data Sheet

No. **18070** - 02/21

## MULTIPURPOSE PRIMERS

AEROSOL CARB MIR <0.7 PRIMERS, BULK <340 G/L

**PRODUCT NUMBERS:**

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

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 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 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. Bulk not available for sale in California. Check local air quality standards before using bulk paint.

**Packaging:**

|              |                              |                        |                        |
|--------------|------------------------------|------------------------|------------------------|
| Aerosol:     | Cans (16 oz.)                | 11 oz. net wt. (312 g) | 13.22 fl. oz. (391 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 (0.028 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  
Class ..... Flat

### Coverage:

|                               | <b>Aerosol</b>      | <b>Bulk</b>      |
|-------------------------------|---------------------|------------------|
| 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)

|                | <b>Aerosol</b> | <b>Bulk</b> |
|----------------|----------------|-------------|
| 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.....            | 11.18 lbs.....                  | 15.37 lbs.                 |
| Specific gravity.....             | 1.33 .....                      | 1.84                       |
| 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.....  | 60° to 85°F (16° to -29°C)..... | 60° to 85°F (16° to -29°C) |
| Percent solids by weight .....    | 42% .....                       | 69%                        |
| Percent solids by volume .....    | 20% .....                       | 51%                        |
| Percent pigment by volume.....    | 9.3% .....                      | 23.9%                      |
| CARB VOC (primer).....            | N/A.....                        | <340 g/L                   |
| CARB MIR (primer).....            | <0.7 .....                      | 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) ..... | N-Butyl Acetate, 2-pentanone ..... | N-Butyl Acetate, 2-pentanone |
| Propellant system.....   | Hydrocarbon .....                  | N/A                          |

## III. SHIPPING, STORAGE AND HEALTH

|                                      | <b>Aerosol</b>                 | <b>Bulk</b>                             |
|--------------------------------------|--------------------------------|---|
| 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 .....            | 32° to 120°F (0° to 49°C)..... | 32° to 120°F (0° to 49°C)               |
| Shelf life .....                     | 1 to 2 years.....              | 1 to 5 years                            |
| HMS 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.