

# Product Data Sheet

No. **13000** - 11/11

## RUST PROOFING WATER-BASED PAINT

AEROSOL VOC/CARB MIR: FLAT <60% / ≤1.20; NON-FLAT <65% / ≤ 1.40

### PRODUCT NUMBERS:

|                       |                       |                   |                               |
|-----------------------|-----------------------|-------------------|-------------------------------|
| 3010 - SAFETY RED*    | 3050 - SAFETY ORANGE* | 3130 - FLAT WHITE | 3490 - METER GRAY (ANSI-49)** |
| 2030 - SAFETY YELLOW* | 3060 - SAFETY BLACK   | 3150 - AGRI RED   |                               |
| 3030 - SAFETY BLUE*   | 3070 - SAFETY WHITE*  | 3160 - AGRI GREEN |                               |
| 3040 - SAFETY GREEN*  | 3120 - FLAT BLACK     | 3170 - AGRI BLUE  |                               |

\* OSHA Safety Colors

\*\* Spray-Any-Way Valve

### I. GENERAL DESCRIPTION

**Description:** Aervoe Rust Proofing Water-Based Paint is a high quality industrial maintenance enamel coating formulated for light to moderate interior/exterior industrial exposures. This product offers lasting protection against corrosion, light abrasion, weathering and mild chemical fumes.

**Benefits:** This high quality industrial coating is VOC and MIR compliant and provides good resistance to moderate environments including rain, fog, moisture. Excellent temperature resistance to 200°F; 200° to 300°F (93° to 149°C) slightly darkening. Excellent high gloss appearance, high-hide coverage (with or without primer) that provides corrosion protection especially on metal surfaces. Can be applied over sound rusted areas; however, loose flakes, dirt, grease, oils, other surface contaminants or particles should be removed first with a wire brush and chemical cleaning.

**Applications:** Ideal for equipment maintenance in food plants, restaurants, schools and hospitals as well as O.E.M. production. Exceeds many performance standards of nationally recognized brands. Use on metal, wood and other common surfaces including nonporous plaster. Excellent for use on motors, tools, cabinets, pipelines, drums, conduit, ducts, furniture, steel bars, railings, tool boxes and electrical equipment.

**Directions:** For best results, apply when temperature is between 50° and 100° F (10° and 38° C). Do not apply if air or surface temperature is below 40° F (4° C), or in rain or high humidity. Surface must be clean, dry and free of grease, rust, scale and any other loose particles that could affect film adhesion. Surface Preparation - Bare Metal: Clean surface with Aervoe # 399 or 400 Cleaner/Degreaser or other suitable cleaner. Allow to dry before application. Previously Coated: Apply to properly primed or previously coated surfaces (scuff glossy surfaces, then clean). If an immoderate time has past since coating was applied, then remove all dust, dirt, grease, or chemical contaminants by washing surface with Aervoe #399 or 400 Cleaner/Degreaser, a commercial detergent, or other suitable cleaner. Rinse thoroughly with water and allow to dry before application.

A primer is not usually needed for most surfaces; however, it is recommended over bare metal, crevices and seams to achieve the best results. Shake well for 1 minute after rattle of agitator ball is heard. Hold can 6 to 8 inches from surface. Two light coats are better than one heavy coat.

**Limitations:** Please refer to the Material Safety Data Sheet for specific information on material hazards, etc. Not recommended for water immersion services.

#### Packaging:

|          |                |                    |                      |
|----------|----------------|--------------------|----------------------|
| Aerosol: | Cans (211x604) | 12 net wt. (340 g) | 13.0 fl. oz. (384ml) |
|          | Case (6/case): | 7 lbs. (3.17 kg)   | 0.47 CF (0.013 CM)   |

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## II. CHARACTERISTICS & PROPERTIES (Average for all colors)

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### Specifications: Aerosol complies with CARB MIR regulations

#### Appearance:

|                    |                     |
|--------------------|---------------------|
| Gloss at 60° ..... | Flat <5 / Gloss >80 |
| Class .....        | Flat, Gloss         |

#### Coverage:

|                                  |                      |
|----------------------------------|----------------------|
| Theoretical (at 1 mil dry) ..... | 20 to 25 sq.ft./can  |
| Practical (at 2 mil dry) .....   | 40 to 50 sq. ft./can |

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

|                 |  |
|-----------------|--|
| To touch.....   | 30 min   |
| To handle.....  | 2 to 4 hours                                     |
| Full cure ..... | 72 hrs   |
| To recoat ..... | Before 2 hrs. or after 72 hours to avoid lifting |

#### Performance and Chemical Properties:

|                                       |   |
|---------------------------------------|---|
| Weight per gallon .....               | 7.0 lbs.  |
| Specific gravity .....                | 0.84  |
| Flammability: Label marking .....     | Not Regulated   |
| Flash point.....                      | >212.8°F (100°C) Paint Concentrate)<br><0° F (-18° C) (Propellant)  |
| Operating temperature range.....      | 50° to 100° F (10° to 38° C)  |
| Percent solids by weight .....        | See attached  |
| Percent solids by volume .....        | See attached  |
| Percent pigment by volume.....        | 2.0%  |
| Volatile Organic Compound level.....  | < 60% (flat), < 65% (non-flat)                                      |
| CARB MIR.....                         | ≤ 1.20 (flat), ≤ 1.40 (non-flat)                                    |
| Interior durability.....              | Excellent   |
| Exterior durability .....             | Excellent   |
| Temperature resistance.....           | Excellent to 200°F; 200° to 300°F (93° to 149°C) slightly darkening |
| Color fastness .....                  | Very Good   |
| Adhesion (ASTM D3359).....            | Good  |
| Salt spray corrosion (ASTM B117)..... | >300 hrs at 2 mil (direct to metal application)                     |
| Paint thinner resistance.....         | Good  |
| Gasoline resistance.....              | Good  |
| Motor oil resistance.....             | Good  |
| Pencil hardness (ASTM D3363).....     | H   |

#### Base Materials

|                          |                       |
|--------------------------|-----------------------|
| Resin system.....        | Water Reducible Alkyd |
| Solvents (top two) ..... | Water, Alcohol        |
| Propellant system.....   | Dimethyl Ether        |

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## III. SHIPPING, STORAGE AND HEALTH

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|                                      |                           |
|--------------------------------------|---------------------------|
| IMDG number.....                     | UN 1950                   |
| D.O.T. container spec.....           | 2P                        |
| D.O.T. shipping description .....    | Consumer Commodity        |
| Warehouse storage level number ..... | NFPA 30B Level 1          |
| Hazardous class (CFR-49).....        | <b>ORM-D</b>              |
| Storage temperature .....            | 40° to 120°F (4° to 49°C) |
| Shelf life .....                     | 1 year                    |
| HMIS ratings                         |                           |
| Health .....                         | 2                         |
| Fire.....                            | 1                         |
| Reactivity .....                     | 1                         |

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## IV. MISCELLANEOUS

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

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## V. WARRANTY

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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.

## RUST PROOF WATER-BASED PAINT

| <b>PRODUCTS</b>              | <b>% SOLIDS<br/>BY WEIGHT</b> | <b>% SOLIDS<br/>BY VOLUME</b> | <b>MIR &amp; % VOCs</b> |
|------------------------------|-------------------------------|-------------------------------|-------------------------|
| 3010 Safety Red . . . . .    | 15.7 . . . . .                | 15.2 . . . . .                | <1.40, 65% Non-Flat     |
| 3020 Safety Yellow . . . . . | 16.7 . . . . .                | 15.4 . . . . .                | <1.40, 65% Non-Flat     |
| 3030 Safety Blue . . . . .   | 16.3 . . . . .                | 15.4 . . . . .                | <1.40, 65% Non-Flat     |
| 3040 Safety Green . . . . .  | 16.6 . . . . .                | 15.0 . . . . .                | <1.40, 65% Non-Flat     |
| 3050 Safety Orange . . . . . | 15.5 . . . . .                | 15.6 . . . . .                | <1.40, 65% Non-Flat     |
| 3060 Safety Black . . . . .  | 14.5 . . . . .                | 14.7 . . . . .                | <1.40, 65% Non-Flat     |
| 3070 Safety White . . . . .  | 23.6 . . . . .                | 17.6 . . . . .                | <1.40, 65% Non-Flat     |
| 3120 Flat Black . . . . .    | 25.8 . . . . .                | 13.6 . . . . .                | <1.20, 60% Flat         |
| 3130 Flat White . . . . .    | 31.1 . . . . .                | 16.6 . . . . .                | <1.20, 60% Flat         |
| 3150 Agri. Red . . . . .     | 14.9 . . . . .                | 15.1 . . . . .                | <1.40, 65% Non-Flat     |
| 3160 Agri. Green . . . . .   | 15.7 . . . . .                | 14.8 . . . . .                | <1.40, 65% Non-Flat     |
| 3170 Agri. Blue . . . . .    | 15.0 . . . . .                | 15.0 . . . . .                | <1.40, 65% Non-Flat     |
| 3490 Meter Gray . . . . .    | 16.3 . . . . .                | 15.0 . . . . .                | <1.40, 65% Non-Flat     |