

# Product Data Sheet

No. **1290** - 02/21

## WATER BASED MARKING PAINT CARB MIR $\leq 0.85$ (GROUND TRAFFIC/MARKING COATING)

PRODUCT NUMBERS: 290 - BLUE  
291 - WHITE  
292 - RED  
293 - YELLOW

### I. GENERAL DESCRIPTION

**Description:** Aervoe Water Based Marking Paint is a highly-pigmented, durable water-based paint designed to mark and adhere to most surfaces. Packaged to operate upside down by hand or in an Aervoe #1244 Spot Marker or #1245 Marking Stick applicator with or without the cap on.

**Benefits:** This product is a true water-based formula, not "water-added" for cost reduction. It is covered by its own U.S. patent #5,158,609. It will not damage or burn grass roots and provides a lasting line that can be cut off after the grass has grown out. Adhesion to asphalt and concrete is equal to solvent-based formulas once dried. Overspray can be cleaned up in the first 5 minutes with soap and water. After dry, paint is water-resistant. Uniquely formulated, this paint is lead-free, non-clogging, and safer for the environment than solvent-based formulas. This product is classified under the NFPA 30B, Level 1 for warehouse storage.

**Application:** Water Based Marking Paint may be used for utility marking, construction sites, surveying, landscaping, golf course and athletic field marking. For temporary marking, use Aervoe Marking Chalk or Fade-Out Marker. For aisle striping in warehouses, parking lots or traffic lines, use Aervoe Striping Paint.

**Directions:** Intended for use with Aervoe's #1244 Spot Marker and #1245 Marking Stick; test other applicators for compatibility. For best results, use at temperatures between 60° and 80°F (16° and 27°C). For **Aerosol** application, shake can for 1 minute after rattle of agitator ball is heard. Remove safety tab, invert can and apply 3 to 5 inches from the surface for writing symbols and numbers. Spray 5 to 8 inches from surface for 3/4" line or continuous direction tracks. Keep can in motion during use to prevent puddling due to the high delivery paint stream. If cap has been removed, replace it for storage and color identification. Before storing partially used cans, clear spray tip by holding can in upright position and pressing tip to one side, away from face, for 2 seconds.

**Limitations:** Please refer to the Safety Data Sheets for specific information on material hazards, etc. This aerosol product is designed to spray **upside down** or at an angle not greater than 30° from vertical. Do not apply if surface is wet, or if rain is imminent within 4 hours of application. **Do not allow product to freeze.**

#### Packaging:

Aerosol:	Cans (20 oz)	15 oz. net wt. (425 grams)	16.5 fl. oz. (488 ml)
	12 cans/case	17 lbs. (7.7 kg)	0.48 CF (0.014 CM)

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

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### Specifications:

These products meet the CARB MIR regulations.

### Appearance:

Gloss at 60° .....<5  
Class ..... Flat

### Coverage:

Theoretical—at 1 mil dry .....495 linear ft./can  
Practical—at 1/2 mil dry .....990 linear ft./can

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

To touch ..... 15 min.  
To handle ..... 30 min.  
Full cure ..... 8 hrs.  
To recoat ..... Anytime

### Performance and Chemical Properties:

Weight per gallon ..... 8.5 lbs.  
Specific gravity ..... 1.02  
Viscosity ..... Not applicable  
Flammability: Label marking ..... Not applicable  
Flash point ..... > 0°F (-18°C)  
Operating temperature range ..... 60° to 80°F (16° to 27°C)  
Percent solids by weight ..... 27.2%  
Percent solids by volume ..... 13.1%  
Percent pigment by volume ..... 8.4%  
CARB MIR (ground traffic/marketing coating) ..... ≤0.85  
Interior durability ..... Very good  
Exterior durability ..... Good  
Temperature resistance ..... Not applicable  
Color fastness ..... Good  
Adhesion ..... Good  
Salt spray corrosion ..... Not applicable  
Mineral spirits resistance ..... Good  
Gasoline resistance ..... Good  
Motor oil resistance ..... Good  
Pencil hardness ..... Not applicable

### Base Materials

Resin system ..... Water Reducible Alkyd  
Solvents (top two) ..... Water, Isopropanol  
Propellant system ..... Dimethyl Ether

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## III. SHIPPING, STORAGE AND HEALTH

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UN number ..... UN1950  
Proper Shipping Description ..... Aerosols  
Hazard Class ..... 2.1  
Packing Group ..... N/A  
Limited Quantity ..... Yes  
Warehouse storage level number ..... NFPA 30B Level 1  
Storage temperature ..... 32° to 120°F (0° to 49°C)  
Shelf life ..... 1 to 2 years

### HMIS ratings

Health ..... 1  
Fire ..... 3  
Reactivity ..... 1

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## IV. MISCELLANEOUS

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

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## 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.