

# Product Data Sheet

No. 1246 - 02/21

## CONSTRUCTION MARKING PAINT

CARB MIR  $\leq 0.85$  (Ground Traffic/Marking Coating)

### PRODUCT NUMBERS:

246 - FL. RED	250 - FL. BLUE	254 - BLUE	258 - HI. VIS. YELLOW
247 - FL. ORANGE	253 - FL. YELLOW	255 - WHITE	259 - GREEN
248 - FL. GREEN	251 - BLACK	256 - RED	260 - PURPLE
249 - FL. PINK	252 - YELLOW	257 - ORANGE	283 - H.D. FL. RED-ORANGE

### I. GENERAL DESCRIPTION

**Features:** This quality marking paint is packaged in a can that may only be operated in an upside down position. It is formulated to meet a variety of marking applications while still providing good initial color visibility, good color retention, and adhesion.

**Benefits:** Provides great color durability for up to 3 months, depending on traffic and exposure. It meets standards set by OSHA and APWA/ONE Call Systems. It is not affected by moisture or water and it will not wash away once dry. Can be used with the cap on in Aervoe applicators #1244/1245. The spray-through cap eliminates accidental discharge. Each can is non-clogging and empties completely.

**Uses:** Designed to adhere to most surfaces, including pavement, gravel, and soil. It can be used for marking at construction sites, locator and utility identification, landscaping, or other general marking requirements. It is not recommended for use on short cut grass such as golf course greens.

**Application:** Shake can well before use and for 1 to 2 minutes after agitator ball is heard. Remove tab from tamper-resistant cap. With proper alignment of the activator bar, this product can be used with the cap on in Aervoe applicators #1244/1245. Apply paint 3 to 4 inches from surface as a writing tool, and 5 to 8 inches in the applicator for a  $\frac{3}{4}$ -inch line or continuous directional mark. Keep can in motion during use to prevent puddling. Agitate can periodically during application. Clear paint from valve and tip after each use by turning can in an upright position and spraying for 3 to 5 seconds. For best results, use at temperatures between 60°F and 80°F (16°C to 27°C).

**Limitations:** Please refer to the Safety Data Sheets for specific information on material hazards, etc. This aerosol product is designed to spray at an angle not greater than 30° from vertical. Do not use on wet surfaces.

#### Packaging:

Aerosol:	Cans (20 oz.)	17 oz. net wt. (482 g)	18.8 fl. oz. (556 ml)
	12 cans/case	18 lbs. (8.2 kg)	0.55 CF (0.016 CM)

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

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### Specifications:

Complies with CARB MIR and VOC rules.

### Appearance:

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

### Coverage:

#### Aerosol

Typical ..... 548 linear ft./can

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

To touch ..... 30 min.  
To handle ..... 45 min.  
Full cure ..... 8 hrs.  
To recoat ..... Anytime.

### Performance and Chemical Properties:

Weight per gallon ..... 7.00 lbs  
Specific gravity ..... 0.84  
Viscosity ..... Not applicable  
Flammability: Label marking ..... Extremely Flammable  
Flash point ..... < 0°F (-18°C)  
Operating temperature range ..... 50° to 100°F (10° to 38°C)  
Percent solids by weight ..... 14%  
Percent solids by volume ..... 7%  
Percent pigment by volume ..... 4%  
CARB MIR Limit (ground traffic/marketing coating) ..... ≤0.85  
Interior durability ..... Very Good  
Exterior durability ..... Fair  
Temperature resistance ..... Not applicable  
Color fastness ..... Good  
Adhesion ..... Good  
Mineral spirits resistance ..... Good  
Gasoline resistance ..... Poor  
Motor oil resistance ..... Good  
Pencil hardness ..... Not applicable

### Base Materials

Resin system ..... Alkyd  
Solvents (top two) ..... VM&P Naphtha, Hexanes  
Propellant system ..... Hydrocarbon

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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 ..... 40° to 120°F (4° to 49°C)  
Shelf life ..... 1 to 2 years

### HMIS ratings

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

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## IV. MISCELLANEOUS

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The APWA/One Call color designation system is used to identify location and direction of underground cables and pipes for above-ground utility construction. OSHA color assignment is used for physical risk or hazard identification. Contains no Ozone Depleting Substances (O.D.S.). This product meets MIR and VOC requirements for the State of California.

Color ..... APWA/One Call ..... OSHA  
Red ..... Electric ..... Danger, stop or location of fire protection equipment  
Yellow ..... Gas, Oil ..... Caution and physical hazards  
Blue ..... Water ..... Equipment being repaired. Caution against starting or moving  
Green ..... Sewer ..... Location of safety equipment other than fire  
Orange ..... Communication, CATV ..... Dangerous parts of machinery or energized equipment  
Purple ..... Reclaimed water ..... Radiation hazard  
Black/White ..... White: Proposed excavation ..... Black/White: Traffic and housekeeping

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## V. WARRANTY

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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.