

Product Data Sheet

No. 1246 - 08/17

CONSTRUCTION MARKING PAINT

AEROSOL MIR ≤ 0.85 VOC $< 66\%$

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 #244/245. 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 #244/245. 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.

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)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications:

Complies with CARB MIR and VOC rules.

Appearance:

Gloss at 60° <5
Class Flat

Coverage:

Aerosol

Theoretical—at mil dry 274 linear ft./can
Practical—at 1/2 mil dry 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 7.22 lbs
Specific gravity 0.87
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%
Volatile Organic Compound level <66% (Non-Fluorescent - 567 gm/l) (Fluorescent - 540 gm/l)
MIR Limit ≤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

III. SHIPPING, STORAGE AND HEALTH

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

IV. MISCELLANEOUS

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

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.