

Product Data Sheet

No. 1246 - 2/08

CONSTRUCTION MARKING PAINT

Aerosol MIR 1.20 VOC<66%

PRODUCT NUMBERS:

246 - Fl. Red
247 - Fl. Orange
248 - Fl. Green
249 - Fl. Pink

250 - Fl. Blue
253 - Fl. Yellow
251 - Black
252 - Yellow

254 - Blue
255 - White
256 - Red
257 - Orange

258 - Hi Vis Yellow
259 - Green
260 - Purple
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 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 Material 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 (211 x 713)	17 oz. net wt.	(482 grams)	18.8 fl. oz.	(557 ml)
	Case - 12 cans/case	18 lbs.	(7.8 kg)	.55 CF	(.016 CM)



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II. CHARACTERISTICS AND 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 1.20
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 Naptha, Hexanes
Propellant system Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

IMDG number 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) **ORM-D**
Storage temperature 40° to 120°F (4° to 49°C)
Shelf life 12 to 24 months
HMIS ratings
Health 1
Fire 2
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

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-Pacific to the user of the product, is limited to replacement of the product or purchase price refunded. No. 1246 - 2/08