

Product Data Sheet

No. 11451 - 03/21

LOCATOR'S CHOICE MARKING PAINT

CARB MIR ≤ 0.85 (Ground Traffic/Marking Coating)

PRODUCT NUMBERS:

1451 RED	1454 YELLOW
1452 BLUE	1455 FL. ORANGE
1453 WHITE	1456 FL. PINK

I. GENERAL DESCRIPTION

Features: Locator's Choice Marking Paint is the no nonsense, workhorse marking paint for the busy locator. It is packaged in a can that is operated only in an upside down position and creates a narrow 3/4" to 1 1/4" mark when at the recommended height. It provides exceptional quality in terms of initial color brightness, color retention, adhesion, durability, and color consistency. It is formulated with superior quality raw materials to meet the requirements of the most demanding professional. Although the optimum operating temperature range is 50°F to 90°F (10°C to 30°), the product contains a freeze point depressant which will allow it to function with a reduced delivery rate down to 14°F (-10°C).

Benefits: Colors meet 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. It may 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. Regular colors will last up to 6 months, and fluorescent colors will last 3 to 6 months depending on traffic and exposure.

Uses: Designed to adhere to most surfaces, including pavement, gravel, and soil. It is ideal for the locator where marks need to be narrow. This product is not recommended for use on short cut grass such as golf course greens.

Application: Shake can vigorously for at least 1 minute and periodically during use. Remove tab from tamper-resistant cap. With proper alignment of the activator bar, this product may be used with the cap on in Aervoe applicators #1244/1245. Apply paint 1 to 2 inches from surface when locating to make the narrowest marks. Increase distance from surface to make wider marks. 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 2 seconds. For best results, use at temperatures between 50°F and 90°F (10°C to 32°C).

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. This aerosol product is designed to spray at an angle not greater than 30° from vertical. Not recommended for repeated use in one spot on turf surfaces.

Packaging:

Aerosol:	Cans (20 oz.)	17 oz. net wt. (482 g)	19.0 fl. oz. (562 ml)
	Case - 12 cans/case	18 lbs. (8.2 kg)	0.55 CF (0.016 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all Regular Colors)

Specifications:

Aerosol complies with CARB MIR requirements. Colors formulated to meet standards set by OSHA and APWA/One Call systems

Appearance:	Regular Aerosol	Fluorescent
Gloss at 60°	<5.....	<5
Class	Flat.....	Flat

Coverage:

Typical..... 740 linear ft./can 740 linear ft./can

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

To touch.....	30 min.....	30 min.
To handle.....	45 min.....	45 min.
Full cure	8 hrs.....	8 hrs.
To recoat	Not required.....	Not required

Performance and Chemical Properties:

Weight per gallon	7.45 lbs.	7.55 lbs.
Specific gravity	0.89.....	0.90
Viscosity	Not applicable.....	Not applicable
Flammability: Label marking	Extremely flammable	Extremely flammable
Flash point.....	< 0 °F (-18°C).....	<0°F (-18°C)
Operating temperature range.....	50° to 90°F (10° to 32°C).....	50° to 90°F (10° to 32°C)
Percent solids by weight	14%.....	18%
Percent solids by volume	7%.....	9%
Percent pigment by volume.....	4%.....	5%
MIR Limits	≤0.85.....	≤0.85
Interior durability.....	Good.....	Good
Exterior durability	Good.....	Fair
Temperature resistance.....	Not applicable.....	Not applicable
Color fastness	Good.....	Poor
Adhesion	Good.....	Good
Mineral spirits resistance.....	Fair.....	Poor
Gasoline resistance.....	Fair.....	Poor
Motor oil resistance.....	Good.....	Very good

Base Materials:

Resin system.....	Alkyd.....	Alkyd
Solvents (top two)	VM&P Naphtha, Hexane.....	VM&P Naphtha, Hexane
Propellant system.....	Hydrocarbon	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.). The aerosol products meet 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.