

Product Data Sheet

No. 1195 - 04/23

MINE MARKING PAINT

CARB MIR \leq 1.30 (FLUORESCENT COATING)

PRODUCT NUMBERS: 196 - FLUORESCENT RED
197 - FLORESCENT ORANGE

I. GENERAL DESCRIPTION

Description: This upright fluorescent marking paint is lead-free for safe use in all mining and construction sites. Aervoe Mine Marking Paint is packaged to operate upright by hand or in an Aervoe Spot Marker #1244 applicator with or without the cap on.

Benefits: Provides a lasting, high-visibility mark, exclusively for all types of overhead marking. It is not affected by moisture or water and will not wash away once dry. The spray-through cap eliminates accidental discharge of paint while allowing effective access to the spray tip. Each can is non-clogging and empties completely. Does not contain ozone depleting substances, lead, CFC's, chromates, or chlorinated solvents.

Applications: Designed to mark and adhere to most surfaces and can be used in mines, on bridges, building construction, or anywhere an overhead mark is needed.

Directions: Shake can for 1 to 2 minutes after rattle of agitator ball is heard. Remove safety tab and apply 3 to 4 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. For best results, use at temperatures between 55° and 90°F (13° to 32°C). If cap has been removed, replace it for storage and color identification. Before storing partially used cans, clear spray tip by holding the can in upside down position and pressing tip to one side, away from face, for 2-3 seconds.

Limitations: Please refer to Safety Data Sheet for specific information on material hazards, etc. Fluorescent colors will fade with exposure to U.V. light. **Use with adequate ventilation.**

Packaging:

Aerosol:

Cans (20 oz.)
12 cans/case

17 oz. net wt. (482 grams)
17 lbs. (7.7 kg)

18.4 fl. oz. (544 ml)
0.55 CF (0.016 CM)



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II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications:

Colors formulated to meet standards set by OSHA. Complies with CARB MIR regulations.

Appearance:

Gloss at 60°<5
ClassFluorescent

Coverage:

Theoretical—at 1 mil dry389 linear ft./can
Practical—at 1/2 mil dry777 linear ft./can

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

To touch30 min.
To handle45 min.
Full cure8 hrs
To recoatAnytime

Performance and Chemical Properties:

Weight per gallon8.91 lbs.
Specific gravity1.07
ViscosityNot applicable
Flammability: Label markingExtremely flammable
Flash point< 0°F (-18°C)
Operating temperature range55° to 90°F (13° to 32°C)
Percent solids by weight17.7%
Percent solids by volume8.8%
Percent pigment by volume5%
CARB MIR Limit (fluorescent coating)<1.30
Interior durabilityGood
Exterior durabilityFair
Temperature resistanceNot applicable
Color fastnessPoor
AdhesionFair
Mineral spirits resistancePoor
Gasoline resistancePoor
Motor oil resistanceFair

Base Materials

Resin systemAcrylic VT Alkyd
Solvents (top two)VM&P Naptha, Hexane
Propellant systemHydrocarbon

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 32° to 120°F (0° to 49°C)
Shelf life 1 to 2 years

HMIS ratings

Health1
Fire3
Reactivity1

IV. MISCELLANEOUS

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

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.