

# Product Data Sheet

No. 1195 - 02/11

## MINE MARKING PAINT

AEROSOL MIR  $\leq$  1.75 VOC <66%

PRODUCT NUMBERS: 195 - FLUORESCENT RED/ORANGE 196 - FLUORESCENT RED  
197 - FLORESCENT ORANGE 198 - FLUORESCENT GREEN

### 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 #244 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 Material 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 (211x604)  
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)

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### Specifications:

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

### Appearance:

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

### Coverage:

Theoretical—at 1 mil dry .....389 linear ft./can  
Practical—at 1/2 mil dry .....777 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%  
MIR Limit .....<1.75  
Interior durability .....Good  
Exterior durability .....Fair  
Temperature resistance .....Not applicable  
Color fastness .....Poor  
Adhesion .....Fair  
Mineral spirits resistance .....Poor  
Gasoline resistance .....Poor  
Motor oil resistance .....Fair

### Base Materials

Resin system .....Acrylic VT Alkyd  
Solvents (top two) .....VM&P Naptha, Hexane  
Propellant system .....Hydrocarbon

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## III. SHIPPING, STORAGE AND HEALTH

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IMDG number ..... UN 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 ..... 32° to 120°F (0° to 49°C)  
Shelf life ..... 1 to 2 years  
HMIS ratings  
Health ..... 1  
Fire ..... 2  
Reactivity ..... 1

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## IV. MISCELLANEOUS

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

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## V. WARRANTY

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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 Industries, Inc. to the user of the product, is limited to replacement of the product or purchase price refunded.