

# Product Data Sheet

No. 1295- 05/09

## SUPREME UTILITY MARKING PAINT

### AEROSOL MIR 1.20 VOC<66% - GROUND TRAFFIC MARKING

PRODUCT NUMBERS: 295 Utility Yellow  
296 APWA Yellow

#### I. GENERAL DESCRIPTION

**Features:** Aervoe Supreme Utility Marking Paint is the best marking paint of its kind. It provides superior quality in terms of initial color brightness, color retention, adhesion, durability, and color consistency. It is formulated with high 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°), this product will not freeze if used in extremely cold conditions. It is packaged in a can that is operated only in an upside down position.

**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 #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 is ideal for use in surveying, utility identification, and other long term marking applications. This product 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 may 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 50°F and 90°F (10°C and 32°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. Do not use on turf surfaces.

#### Packaging:

Aerosol:	Cans (211 x 713)	17 oz. net wt. (482 grams)	19.0 fl. oz. (562 ml)
	Case - 12 cans/case	18 lbs. (8.2 kg)	.55 CF (.016 CM)



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## II. CHARACTERISTICS AND PROPERTIES - (Average for all colors)

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### Specifications:

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

### Appearance:

Gloss at 60° ..... <15  
Class ..... Non-Flat

### Coverage:

Theoretical—at 1 mil dry ..... 510 linear ft./can  
Practical—at 1/2 mil dry ..... 1020 linear ft./can

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

To touch ..... 5 min.  
To handle ..... 15 min.  
Full cure ..... 8 hrs.  
To recoat ..... Not required

### Performance and Chemical Properties:

Weight per gallon ..... 7.13 lbs.  
Specific gravity ..... 0.86  
Viscosity ..... Not applicable  
Flammability: Label marking ..... Extremely flammable  
Flash point ..... < 0 °F (-18°C)  
Operating temperature range ..... 50° to 90°F (10° to 32°C)  
Percent solids by weight ..... 33%  
Percent solids by volume ..... 14%  
Percent pigment by volume ..... 7%  
Volatile Organic Compound level ..... <66% (712 gm/l)  
MIR Limits ..... 1.20 ..... NA  
Interior durability ..... Good  
Exterior durability ..... Good  
Temperature resistance ..... Not applicable ..... Not applicable  
Color fastness ..... Good ..... Good  
Adhesion ..... Good ..... Good  
Mineral spirits resistance ..... Good  
Gasoline resistance ..... Fair  
Motor oil resistance ..... Excellent

### Base Materials:

Resin system ..... Alkyd  
Solvents (top two) ..... Vm&P Naptha, Acetone  
Propellant system ..... Hydrocarbon

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## III. SHIPPING, STORAGE AND HEALTH

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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 ..... 32° to 120°F (0° to 49°C)  
Shelf life ..... 12 to 24 months  
HMIS ratings  
Health ..... 2  
Fire ..... 4  
Reactivity ..... 1

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## IV. MISCELLANEOUS

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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

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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. No. 1295-05/09