

Product Data Sheet

No. **1290** - 04/11

TURF MARKING PAINT

Aerosol Ground Traffic/Marking Coating VOC $\leq 66\%$; CARB MIR ≤ 1.20

PRODUCT NUMBERS: 290 - BLUE
291 - WHITE
292 - RED
293 - YELLOW

I. GENERAL DESCRIPTION

Description: Aervoe Turf Marking Paint is a highly-pigmented, durable water-based paint designed to mark and adhere to most surfaces. Packaged to operate upside down by hand or in an Aervoe #244 Spot Marker or #245 Marking Stick applicator with or without the cap on.

Benefits: This product is a true water-based formula, not "water-added" for cost reduction. It is covered by its own U.S. patent #5,158,609. Aervoe Turf Marking Paint will not damage or burn grass roots. It provides a lasting line that can be cut off after the grass has grown out. Adhesion to asphalt and concrete is equal to solvent-based formulas once dried. Overspray can be cleaned up in the first 5 minutes with soap and water. After dry, paint is water-resistant. Uniquely formulated, this paint is lead-free, non-clogging, and safer for the environment than solvent-based formulas. This product is classified under the NFPA 30B, Level 1 for warehouse storage.

Application: Turf Marking Paint may be used for utility marking, construction sites, surveying, landscaping, golf course and athletic field marking. For temporary marking, use Aervoe Spray Chalk or Fugitive Marker. For aisle striping in warehouses, parking lots or traffic lines, use Aervoe Striping Paint.

Directions: Aervoe Turf Marking Paint is intended for use with Aervoe's #244 Spot Marker and #245 Marking Stick; test other applicators for compatibility. For best results, use at temperatures between 60° and 80°F (16° and 27°C). For **Aerosol** application, shake can for 1 to 2 minutes after rattle of agitator ball is heard. Remove safety tab, invert can and apply 3 to 5 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. If cap has been removed, replace it for storage and color identification. Before storing partially used cans, clear spray tip by holding can in upright position and pressing tip to one side, away from face, for 2-3 seconds.

Limitations: Please refer to the Material Safety Data Sheets for specific information on material hazards, etc. This aerosol product is designed to spray **upside down** or at an angle not greater than 30° from vertical. Do not apply if surface is wet, or if rain is imminent within 4 hours of application. **Do not allow product to freeze.**

Packaging:

Aerosol:

Cans (211x713)
12 cans/case

17 oz. net wt. (482 grams)
18 lbs. (7.8 kg)

18.8 fl. oz. (557 ml)
0.55 CF (0.016 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications:

These products meet the CARB MIR regulations.

Appearance:

Gloss at 60°<5
Class Flat

Coverage:

Theoretical—at 1 mil dry495 linear ft./can
Practical—at 1/2 mil dry990 linear ft./can

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

To touch 15 min.
To handle 30 min.
Full cure 8 hrs.
To recoat Anytime

Performance and Chemical Properties:

Weight per gallon7.70 lbs.
Specific gravity0.92
Viscosity Not applicable
Flammability: Label marking Not applicable
Flash point > 0°F (-18°C)
Operating temperature range60° to 80°F (16° to 27°C)
Percent solids by weight29%
Percent solids by volume14%
Percent pigment by volume9%
Volatile Organic Compound level≤66%
CARB MIR≤1.20
Interior durability Very good
Exterior durability Good
Temperature resistance Not applicable
Color fastness Good
Adhesion Good
Salt spray corrosion Not applicable
Mineral spirits resistance Good
Gasoline resistance Good
Motor oil resistance Good
Pencil hardness Not applicable

Base Materials

Resin system Water Reducible Alkyd
Solvents (top two) Water, Alcohol
Propellant system Dimethyl Ether

III. SHIPPING, STORAGE AND HEALTH

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 40° to 120°F (4° to 49°C)
Shelf life 12 to 24 months
HMIS ratings
Health 1
Fire 2
Reactivity 1

IV. MISCELLANEOUS

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

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