

# Product Data Sheet

No. 1214 - 04/23

## MARKING CHALK

CARB MIR  $\leq 0.85$  (GROUND TRAFFIC/MARKING COATINGS)

### PRODUCT NUMBERS:

214 - BLUE            217 ORANGE  
215 WHITE           218 YELLOW  
216 RED              219 GREEN

### I. GENERAL DESCRIPTION

**Features:** A unique, temporary, water-based marking chalk. This product is safe for use at all construction, utility, and survey sites. Aervoe Water-Based Marking Chalk is packaged to operate upside down by hand or in an Aervoe Spot Marker #1244, or Marking Stick #1245 applicator, with or without the cap on.

**Benefits:** This product is a true water-based formula, not "water added" for cost reduction formula. Adhesion is provided by non-resin binders and low pigment solids in a slurry that holds the chalk together as the mark dries. It is a fast-drying chalk designed for **temporary** marking. The mark will naturally disappear with water, traffic, or other abrasions.

**Uses:** Aervoe Marking Chalk is designed to temporarily mark most paved surfaces, soil, and grass. Use for utility marking, construction sites, surveying, landscaping, and athletic field marking. For golf course marking, use Aervoe Water-Based Marking Paint. For aisle striping in warehouses, parking lots, or traffic lines, use Aervoe Striping Paint.

**Application:** For **aerosol** application, shake can for 1 to 2 minutes after rattle of the agitator ball is heard. Remove safety tab, invert can, and apply 3 to 4 inches from the surface for writing symbols and numbers. Apply 5 to 8 inches from the surface for 3/4" line or continuous direction tracks. Product will appear transparent when first applied; full opacity is achieved in 3 to 5 minutes. Keep can in motion during use to prevent puddling due to high delivery paint stream. For best results, use at temperatures between 50° and 80°F (10° and 27°C). If cap has been removed, replace it for storage and color identification. Clear spray tip after each use by turning can upright and spraying for 2 to 3 seconds.

**Limitations:** Please refer to the 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. Please check your local air quality standards before using any bulk paint. Use caution if surface is wet, or if rain is imminent within 4 hours of application. Do not apply additional product until the previous coat is dry. On fresh asphalt or other porous surfaces, removal may be hampered due to solvent/pigment penetration.

#### Packaging:

Aerosol:	Cans (20 oz.)	15 oz. net wt. (425 g)	14.8fl. oz. (437 mL)
	Case - 12 cans/case	16 lbs. (7.3k g)	0.55 CF (0.016 CM)

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## II. CHARACTERISTICS & PROPERTIES

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Average for all colors

**Specifications:** Colors formulated to approximate standards set by OSHA and APWA/One Call systems. These products meet the CARB MIR regulations.

**Appearance:**

Gloss at <math>60^\circ</math> ..... <math><5\%</math>  
Class ..... Flat

**Coverage:**

**Aerosol**

Theoretical—at 1 mil dry ..... 464 linear ft./can  
Practical—at 1/2 mil dry ..... 928 linear ft./can

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

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

**Performance and Chemical Properties:**

Weight per gallon ..... 8.87 lbs.  
Specific gravity ..... 1.06  
Viscosity ..... Not applicable  
Flammability: Label marking ..... Not applicable  
Flash point ..... Not applicable  
Operating temperature range ..... 50° to 80°F (10° to 27°C)  
Percent solids by weight ..... 27%  
Percent solids by volume ..... 16%  
Percent pigment by volume ..... 7%  
CARB MIR (ground traffic/marketing coating) ..... <math>\leq 0.85</math>  
Interior durability ..... Poor  
Exterior durability ..... Poor  
Temperature resistance ..... Not applicable  
Color fastness ..... Fair  
Adhesion ..... Poor  
Salt spray corrosion ..... Not applicable  
Mineral spirits resistance ..... Poor  
Gasoline resistance ..... Poor  
Motor oil resistance ..... Poor  
Pencil hardness ..... Not applicable

**Base Materials**

Resin system ..... None  
Solvents (top two) ..... Water/Alcohol  
Propellant system ..... Dimethyl Ether

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## III. SHIPPING, STORAGE AND HEALTH

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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

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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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.