

# Product Data Sheet

No. 15310 - 04/20

## PROFESSIONAL CHOICE FOREST BOUNDARY MARKING PAINT

Aerosol MIR/PWR <0.80 Flat Coating (FCP); Bulk VOC <450 g/L

### PRODUCT NUMBERS:

5310 - RED                      5355 - DARK BLUE  
5320 - ORANGE                5380 - PURPLE  
5330 - YELLOW

Product number plus letter designation is as follows:

Q = 12 one quart cans per case; G = 2 one-gallon cans per case; F = 1 five-gallon pail; D = 50-gallon drum

### I. GENERAL DESCRIPTION

**Description:** Aervoe's Professional Choice Forest Boundary Marking Paint is a heavily-pigmented product that provides visual identification at a great distance. A fan spray tip applies a wide mark to easily designate forest boundaries.

**Benefits:** Provides high yield with excellent surface adhesion, fast application, and will not soak into the wood. Application will produce an 8" wide mark at a distance of 6-8 inches. The fan spray tip can be adjusted to produce a vertical or horizontal 8" wide mark. All colors are lead-free for safest application and environmental consideration. Does not contain ozone depleting substances.

**Application:** May be used in wet or dry conditions. Use to mark the forest boundary on standing trees.

**Directions: Aerosol Application:** The adjustable fan spray tip may be rotated 90° either right or left, to produce a horizontal or vertical 8" wide mark, when sprayed 6-8 inches from surface. Can be applied to any dry or wet surface that is somewhat clean and free of mud or other material, including running water that may block adhesion. For best results, use at temperatures between 32° and 100°F (0° and 38°C). Align spray head with black mark on valve rim to ensure complete evacuation of contents. Shake can vigorously for at least one minute after agitator ball rattles, and intermittently during use. Recoating is

not necessary. Prepare can for storage by turning upside down and spraying for 2 to 3 seconds. If clogging occurs, turn spray tip 1/4 turn; if it persists, remove and clean slot on tip. Never stick a pin or any other object into tip opening or into stem. Replace spray tip with a gentle, twisting motion, making certain the tip is pointed away from you. **Bulk Application:** Mix thoroughly and apply at full strength with a brush or tree marking gun. Thinning is not required at normal temperatures but in extremely cold weather, thinning may be required and should be added into mixture (shake well) before attaching gun. **Quart containers:** Unscrew cap and attach directly to tree marking gun. Product is ready for use. Leave gun attached to can for trouble-free daily operation. Whenever gun is not to be used for several days, clean and flush thoroughly with solvent. **Gallon containers:** Tree marking guns will attach directly to spout or container can be used in backpack style applicators designed to hold oblong gallon cans. **Pails & Drums:** Mix thoroughly using an appropriate method (drill mixer or pail shaker for pails, air mixer for drums) then transfer paint to the desired container. If thinning is required, do not thin in the original container.

**Limitations:** Please refer to the Safety Data Sheet for specific information on material hazards, etc. Product is extremely flammable, and is intended for outdoor use only. Bulk is not available for sale in California.

#### Packaging:

Aerosol:	Cans (20 oz.)	15 oz. net wt. (425 grams)	16.9 fl. oz. (500 ml)
	12 cans/case	16 lbs. (7.3 kg)	0.55 CF (0.016 CM)
Bulk:	1 case of 12 quarts (mt. rd.)	24/36 lbs. (10.9/16.3 kg)	1.8 CF (0.05 CM)
	1 case of 2 gallons (mt. rd.)	25/34 lbs. (11.3/15.4 kg)	0.26 CF (0.007 CM)
	5 gallon pails (mt. rd.)	43/51 lbs. (19.5/23.1 kg)	1.2 CF (0.034 CM)
	50-gallon drum (mt. rd.)	432/512 lbs. (196/232.2 kg)	8.5 CF (0.24 CM)

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## II. CHARACTERISTICS & PROPERTIES (Average for all colors)

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### Specifications:

None

### Appearance:

	Aerosol	Bulk
Gloss at 60° .....	<5 .....	<5
Class .....	Flat .....	Flat

### Coverage:

Theoretical—at 1 mil dry .....	18 sq. ft./can .....	513 sq. ft./gal
Practical—at 1/2 mil dry .....	36 sq. ft./can .....	1026 st. ft./gal

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

To touch .....	10 min .....	30 min.
To handle .....	20 min .....	60 min.
Full cure .....	20 hrs. ....	48 hrs.
To recoat .....	Anytime .....	1 hr.

### Performance and Chemical Properties:

Weight per gallon .....	7.0 lbs. ....	10.1 lbs.
Specific gravity .....	0.84 .....	1.2
Viscosity .....	Not applicable .....	55 to 65 KU
Flammability: Label marking .....	Extremely flammable .....	Flammable
Flash point .....	-26°F (-32°C) .....	<25°F (<-3°C)
Operating temperature range .....	32° to 100°F (0° to 38°C) .....	32° to 100°F (0° to 38°C)
Percent solids by weight .....	31% .....	58%
Percent solids by volume .....	13% .....	32%
Percent pigment by volume .....	7% .....	18%
Volatile Organic Compound level .....	Not applicable .....	<450 g/L
CARB MIR limit .....	<0.80 .....	N/A
Interior durability .....	Excellent .....	Excellent
Exterior durability .....	Excellent .....	Excellent
Temperature resistance .....	200°F (93°C) .....	200°F (93°C)
Color fastness .....	Excellent .....	Excellent
Adhesion .....	Excellent .....	Excellent
Salt spray corrosion .....	Not applicable .....	Fair
Mineral spirits resistance .....	Not applicable .....	Good
Gasoline resistance .....	Not applicable .....	Excellent
Motor oil resistance .....	Not applicable .....	Excellent
Pencil hardness .....	Not applicable .....	N/A

### Base Materials

Resin system .....	Acrylic .....	Medium Alkyd
Solvents (top two) .....	Acetone, Ethyl Acetate .....	Acetone, VM&P Naphtha
Propellant system .....	Hydrocarbon .....	N/A

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## III. SHIPPING, STORAGE AND HEALTH

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	Aerosol	Bulk
UN number .....	UN 1950 .....	UN1263
Proper shipping description .....	Aerosols .....	Paint
Hazard class .....	2.1 .....	3
Packing group .....	N/A .....	PGII
Limited quantity .....	Yes .....	Container size determines applicability
Warehouse storage level number .....	NFPA 30B Level 2 .....	Flammable liquid class 1-B
Storage temperature .....	32° to 120°F (0° to 49°C) .....	32° to 120°F (0° to 49°C)
Shelf life .....	1 to 2 years .....	2 to 5 years
HMIS ratings		
Health .....	2 .....	2
Fire .....	4 .....	3
Reactivity .....	1 .....	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.