

Product Data Sheet

No. 1790 - 05/23

WATER-BASED STRIPING PAINT

AEROSOL; CARB MIR ≤ 0.85 GROUND/TRAFFIC MARKING; BULK VOC < 100 G/L

PRODUCT NUMBERS:

790 - STRIPING WHITE 793 - STRIPING RED
791 - STRIPING YELLOW 796 - STRIPING FL. ORANGE
792 - STRIPING BLUE

Product number plus letter designation is as follows:
G = 2 one gallon can; F = 1 five-gallon pail; D = 50-gallon drum

I. GENERAL DESCRIPTION

Description: Aervoe Water-Based Striping Paint is a highly pigmented, water-based, lead free striping paint that is safe for all surfaces but specifically formulated for turf grass applications. This product will not cause yellowing or root damage of natural grass and is safe for use on artificial turf. This product provides a long lasting opaque and uniform stripe approximately 2" - 6" wide. Resists ground traffic once dry. Aerosol designed for use in both Aervoe #800 and #801 Vers-A-Stripers, as well as the #1745 Striping Stick for touch up and stencils.

Benefits: This product is cost-effective and achieves professional results without special operator training. Use of aerosol Water-Based Striping Paint eliminates paint waste and cleanup. For large applications, bulk liquid is most economical. When applied in optimum conditions, paint dries to touch in 15 to 30 minutes and is resistant to traffic in 1 hour.

Uses: May be used on grass, artificial turf, or dirt for line striping playgrounds, football, baseball, softball, soccer, and track fields. Can also be used on asphalt, concrete, cement, and other similar surfaces. For applications where a quicker dry time is required on non-turf surfaces, use Aervoe Solvent-Based Striping Paint.

Application: Aervoe Water-Based Striping Paint is intended for use with Aervoe's striping equipment; test

other applicators for compatibility. For best results on dirt surfaces, slightly dampen and groom dirt. Use at temperatures between 60° and 80°F (16° to 27° C). Can temperatures above and below this range may cause fuzzy edges or thin coverage. Do not use at temperatures below 40°F (4° C), or if rain is imminent within 24 hours, or in high humidity. **Aerosol:** Shake can vigorously for at least one minute after rattle of agitator ball is heard and intermittently during use. Place can in striping machine making sure the spray tip is seated squarely into the actuator bar. To prepare can for storage, remove from applicator, turn can upright and spray for 2 to 3 seconds to clear paint from the valve. Do not try to clear air bubbles that may form on the tip, as excessive release of gas will affect complete evacuation. If dried paint on the tip affects the spray pattern, remove tip and scrape off material or replace with the extra tips provided in each case. Replace cap for safety against accidental discharge. Store can in upright position. **Bulk:** Mix well before use. Apply in conventional air spray system or airless pressure sprayer. Recommended dilution ratio: One part water to one part paint. Do not exceed four parts water to one part paint. To remove aerosol or bulk paint from artificial turf use #5075 Biodegradable Cleaner/Degreaser. **DO NOT FREEZE.**

Limitations: Refer to Safety Data Sheet for specific information on material hazards. Do not allow product to freeze.

Packaging:

Aerosol:	Cans (20 oz.)	18 oz. net wt. (510 g)	14.8 fl. oz. (438 ml)
	Case (12/case)	19 lbs. (8.6 kg)	0.55 CF (0.016 CM)
Bulk:	1 case of 2 gallons	24 lbs. (10.9 kg)	0.13 CF (0.004 CM)
	5-gallon pail (mt. rd.)	60 lbs. (27.2 kg)	1.2 CF (0.034 CM)
	50-gallon drum (mt. rd.)	550 lbs. (250 kg)	8.5 CF (0.24 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications: Aerosol complies with CARB MIR regulations

Appearance:	Aerosol	Bulk
Gloss at 60°	<5	<5
Class	Flat	Flat

Coverage:

Theoretical—at 1/2 mil dry (4 inch wide stripe).....	140 linear ft./can.....	1,766 linear ft./gal
Practical—at 1 mil dry (4 inch wide stripe).....	70 linear ft./can.....	883 linear ft./gal

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

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

Performance and Chemical Properties:

Weight per gallon	9.7 lbs.	11.2 lbs.
Specific gravity	1.16	1.34
Viscosity	Not applicable.....	85 KU - 100 KU
Flammability: Label marking	Extremely Flammable.....	Caution
Flash point.....	105°F (41°C) concentrate	211°F (100°C)
	<0°F (32°C) propellant.....	N/A
Operating temperature range.....	60° to 80°F (16° to 27°C)	60° to 80°F (16° to 27°C)
Percent solids by weight	38.3%	57.51%
Percent solids by volume	21.3%	49.1%
Percent pigment by volume.....	9.9%	15.4%
Volatile Organic Compound level.....	Not applicable.....	<100 g/L
CARB MIR (ground/traffic marking)	≤0.85	N/A
Interior durability.....	Good.....	Good
Exterior durability	Fair	Good
Temperature resistance.....	N/A.....	N/A
Color fastness	Excellent.....	Good
Adhesion	Fair	Fair
Mineral Spirits resistance.....	Good.....	Good
Gasoline resistance	Good.....	Poor
Motor oil resistance.....	Excellent.....	Excellent
Food contact rating	Not applicable.....	Not applicable

Base Materials:

Resin system.....	Water Reducible Alkyd	Acrylic Emulsion
Solvents (top two)	Water/Isopropanol	Water
Propellant system.....	Dimethyl Ether.....	Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	Bulk
UN Number	UN1950.....	UN1263
Proper Shipping Description	Aerosols.....	Paint
Hazard Class.....	2.1	3
Packing Group	N/A.....	II
Limited Quantity	Yes.....	Container size determines applicability
Warehouse Storage Level Number.....	NFPA 30B Level 1.....	Combustible liquid class III-A
Storage Temperature	32° to 120°F (0° to 49°C)	32° to 120°F (0° to 49°C)
Shelf Life	1 to 2 years.....	1 year
HMIS ratings		
Health	1	1
Fire	3	1
Reactivity.....	1	0

IV. MISCELLANEOUS

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

V. WARRANTY

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.