

# Product Data Sheet

No. 1790 - 09/15

## ATHLETIC STRIPING PAINT

Aerosol; CARB MIR  $\leq$  1.20 ground traffic/marketing coatings; bulk VOC  $<$  100 g/l

### PRODUCT NUMBERS:

790 - ATHLETIC WHITE                      793 - ATHLETIC RED  
791 - ATHLETIC YELLOW                  796 - ATHLETIC FL. ORANGE  
792 - ATHLETIC 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 Athletic Striping Paint is a highly pigmented, water-based, lead free striping paint 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 #745 Striping Stick for touch up and stencils.

**Benefits:** This product is cost-effective and achieves professional results without special operator training. Use of aerosol Athletic 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 Athletic 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 forms 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 (211x713)	18 net wt. (510 g)	14.8 fl. oz. (437 ml)
	Case (12/case):	19 lbs. (8.6 kg)	0.55 CF (0.016 CM)
Bulk:	1 case of 2 gallons	24 lbs. (10.8 kg)	0.13 CF (0.004 CM)
	5-gallon pail (mt. rd.)	60 lbs. (27.3 kg)	1.2 CF (0.034 CM)
	50-gallon drum (mt. rd.)	550 lbs. (250 kg)	8.5 CF (0.24 CM)

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

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### Specifications: Aerosol complies with CARB MIR regulations

Appearance:	Aerosol	Bulk
Gloss at 60° .....	<5	<5
Class .....	Flat	Flat
<b>Coverage:</b>		
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
<b>Drying Schedule: (At 77°F [25°C], 50% Humidity at 1 mil, dry)</b>		
To touch.....	15 min.....	15 min.
To handle.....	30 min.....	30 min.
Full cure .....	8 hrs. ....	8 hrs.
To recoat .....	Anytime .....	Anytime
<b>Performance and Chemical Properties:</b>		
Weight per gallon .....	8.1 lbs.....	10.0 lbs.
Specific gravity .....	0.97 .....	1.2
Viscosity .....	Not applicable.....	85 KU - 100 KU
Flammability: Label marking .....	Contents under pressure.....	Caution vapors harmful
Flash point.....	105°F (41°C) concentrate .....	211°F (100°C)
	<0°F (32°C) propellant.....	N/A
Operating temperature range.....	50° to 80°F (10° to 27°C) .....	65° to 85°F (18° to 29°C)
Percent solids by weight .....	31% .....	41%
Percent solids by volume .....	17% .....	35%
Percent pigment by volume.....	8% .....	11%
Volatile Organic Compound level.....	<66% .....	<100 grams per liter
CARB MIR (ground traffic) .....	1.20% .....	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
<b>Base Materials:</b>		
Resin system.....	Water Reducible Alkyd .....	Acrylic Emulsion
Solvents (top two) .....	Water/IPA.....	Water
Propellant system.....	Dimethyl Ether.....	Not applicable

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## III. SHIPPING, STORAGE AND HEALTH

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	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 .....	2 .....	1
Reactivity.....	1 .....	0

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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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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.