

Product Data Sheet

No. 1203 - 05/16

STAKE DIP

VOC <66% - Ground Traffic Marking

PRODUCT NUMBERS:

203G BLUE	220G FL. RED
207G WHITE	222G FL. ORANGE
208G HI VIS YELLOW	

Product number plus letter designation is as follows:

F = five-gallon pail; D = 50-gallon drum

I. GENERAL DESCRIPTION

Features: Aervoe Stake Dip provides exceptional quality in terms of initial color brightness, color retention, adhesion, durability, and color consistency. It is formulated with superior quality raw materials to meet the requirements of the most demanding professional.

Benefits: Colors meet standards set by OSHA and APWA/One Call Systems. It is not affected by moisture or water and it will not wash away once dry. Regular colors will last up to 6 months, and fluorescent colors will last 3 to 6 months depending on exposure.

Uses: Designed to adhere to most wood surfaces. It is ideal for use in surveying, utility identification, and other long term marking applications.

Application: Shake or stir thoroughly before use.
DIPPING: Dip stake to desired depth and remove. Depending on porosity of the wood stake, a second dip may be required. Redipping can be done at any time.
SPRAYING: This paint can be sprayed onto plywood panels to provide additional visibility for concrete forms in both day and night operations. Thinning is not required and can be used in a conventional air spray system or airless pressure sprayer.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. Please check your local air quality standards before using any bulk paint.

Packaging:

Liquid Bulk:	1 case of 2 gallons	22 lbs. (17.7 kg)	0.50 CF (0.014 CM)
	5-gallon pail	47 lbs. (21.4 kg)	1.2 CF (0.034 CM)
	50-gallon drum	468 lbs. (212.7 kg)	8.5 CF (.24 CM)

II. CHARACTERISTICS & PROPERTIES

Specifications:

Colors formulated to meet standards set by OSHA and APWA/One Call systems

Appearance:	Regular	Fluorescent
Gloss at 60°	<5	<5
Class	Flat	Flat

Coverage:

Theoretical—at 1 mil dry	915 linear ft./gal	915 linear ft./gal
Practical—at 1/2 mil dry	1830 linear ft./gal	1830 linear ft./gal

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

To touch	30 min	30 min.
To handle	45 min	45 min.
Full cure	8 hrs.	8 hrs.
To recoat	Not required	Not required

Performance and Chemical Properties:

Weight per gallon	9.20 lbs.	9.06 lbs.
Specific gravity	1.10	1.09
Viscosity	55-65 KU	55-65 KU
Flammability: Label marking	Flammable	Flammable
Flash point	<50°F (10°C)	<50°F (10°C)
Operating temperature range	50° to 90°F (10° to 32°C)	50° to 90°F (10° to 32°C)
Percent solids by weight	35%	35%
Percent solids by volume	19%	19%
Percent pigment by volume	4%	4%
Volatile Organic Compound level	344 gm/l	336 gm/l
MIR Limits	NA	NA
Interior durability	Good	Good
Exterior durability	Good	Fair
Temperature resistance	Not applicable	Not applicable
Color fastness	Good	Poor
Adhesion	Good	Very Good
Mineral spirits resistance	Fair	Good
Gasoline resistance	Fair	Poor
Motor oil resistance	Good	Very Good

Base Materials:

Resin system	Alkyd	Alkyd
Solvents (top two)	VM&P Naphtha, Hexane	VM&P Naphtha, Hexane
Propellant system	Not applicable	Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Regular	Fluorescent
UN number	UN1263	UN 1263
Proper Shipping Description	Paint	Paint
Hazard Class	3	3
Packing Group	II	II
Limited Quantity	Container size determines applicability	Container size determines applicability
Warehouse storage level number	Flammable liquid class 1-B	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	2 to 5 years	2 to 5 years
HMIS ratings		
Health	2	2
Fire	3	3
Reactivity	1	1

IV. 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.