

Product Data Sheet

INDUSTRIAL PAINT PEN - VALVE ACTION

No. 11221 - 02/10

PRODUCT NUMBERS:

1221 - RED
1222 - YELLOW
1226 - BLACK
1227 - WHITE

I. GENERAL DESCRIPTION

Features: The Aervoe Industrial Paint Pen is designed for rugged industrial use. This pen offers valve action, and replaceable medium point fiber tips, all in a comfortable and functional barrel shape. Provides a highly visible permanent mark.

Benefits: This pen offers a fast drying paint that can be applied to many surface types and materials. The cap is designed to be air tight in order to increase the life and performance of the pen.

Application: Use on metal, plastic, glass, or wood. These surfaces may include conduit, ABS, PVC, motor parts, auto parts, machinery, cable, lumber, wire, or windows.

Directions: Shake well with cap on. Press tip down until inked. Write as necessary and replace cap when finished. Store pen flat not on end to prevent dry out and clogging.

Limitations: Please refer to the Material Safety Data Sheet for specific information on material hazards.

Packaging:

Pen:	563 mm shell	9.3 - 13.6 grams net wt. (10 ml)
Case (4 dozen pens):		3 lbs. (1.36 kg) .15 CF (0.004 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications:

Appearance:

Gloss at 60°	10 - 60
Class	N/A

Coverage:

Theoretical—at 1 mil dry	400 sq. in./marker
Practical—at 1/2 mil dry	700 sq. in./marker

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

To touch	35 seconds
To handle	45 seconds
Full cure	24 hrs
To recoat	5 minutes

Performance and Chemical Properties

Weight per gallon	8.0 - 12.3
Specific gravity	1.0 - 1.5
Viscosity	15 cp
Flammability: Label marking	Flammable
Flash Point	73°F (23 °C)
Operating temperature range	20° to 100°F (-7° to 38°C)
Percent solids by weight	28% - 58%
Percent solids by volume	27% - 86%
Percent pigment by volume	30% - 68%
Volatile Organic Compound level	400 - 700 g/l
Interior durability	Good
Exterior durability	Good
Temperature resistance	N/A
Color Fastness	Color dependent
Adhesion	Good
Salt spray corrosion	OK
Mineral spirits resistance	Poor
Gasoline resistance	Poor
Motor oil resistance	Good

Base Materials:

Resin system	Hydrocarbon
Solvent	I-Propanol
Propellant system	N/A

III. SHIPPING, STORAGE AND HEALTH

IMDG number	UN 1274
D.O.T. container spec	N/A
D.O.T. shipping description	Consumer Commodity
Warehouse storage level number	N/A
Hazardous class (CFR-49)	ORM-D
Storage temperature	50° to 105°F (10° to 41°C)
Shelf life	1 year plus
HMIS ratings	
Health	2
Fire	3
Reactivity	0

IV. MISCELLANEOUS

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

V. WARRANTY

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.