

Product Data Sheet

No. 17080 - 02/10

MARKING INK

AEROSOL CARB MIR \leq 1.40 NON-FLAT, VOC \leq 65%

PRODUCT NUMBERS:

7080 - BLACK

7083 - WHITE

I. GENERAL DESCRIPTION

Features: Specifically formulated for hot metal marking. Epoxy ester resin system provides excellent adhesion and durability. Fast-drying, opaque coatings are formulated for industrial, commercial, or institutional applications where product coding, marking, maintenance instructions, color-coding, or covering old markings are required. Can be applied to metal substrates with a surface temperature of up to 500°F. Provides complete coverage in one application without running or smudging. Excellent outdoor color retention.

Benefits: Marking Ink is available in two colors and provides a permanent mark that is waterproof and won't smear or smudge. Formulas dry in less than 15 minutes.

Uses: Use in steel mills, production lines and shipping docks whenever marking, stenciling or covering of old markings is required. Can be applied to a variety of porous and nonporous surfaces including wood, metal, glass, corrugated boxes and masonry. Fast-drying aspect allows for fast handling in production lines.

Application: Before each use, shake can for one minute after agitator ball is heard. Product should be sprayed from a distance of 6 to 8 inches from surface in a well ventilated area at temperatures between 50° and 80°F (10° to 27°C) for best results.

Limitations: Please refer to the Material Safety Data Sheet for specific information on material hazards, etc. Test small area first to ensure compatibility before use.

Packaging:

Aerosol:

Cans (211x604)

12 net wt. (340 g)

14.9 fl. oz. (441ml)

Case (12/case):

13 lbs. (5.9 kg)

0.47 CF (0.013 CM)



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II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications: Complies with CARB MIR regulations

Appearance:

Gloss at <60° 5 - 20
Class Non Flat

Coverage:

Aerosol

Theoretical—at 1 mil dry 18 sq. ft./can.
Practical—at 1/2 mil dry 36 sq. ft./can

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

To touch 15 min
To handle 30 min
Full cure 72 hrs
To recoat Anytime

Performance and Chemical Properties:

Weight per gallon 6.5 lbs
Specific gravity 0.79
Viscosity Not applicable
Flammability: Label marking Extremely flammable
Flash point < 0°F (-18°C)
Operating temperature range 50° to 80°F (10° to 27°C)
Percent solids by weight 17 %
Percent solids by volume 10 %
Percent pigment by volume 7 %
Volatile Organic Compound level ≤ 65 %
CARB MIR ≤ 1.40 Non Flat
Interior durability Excellent
Exterior durability Very Good
Temperature resistance Good
Color fastness Very Good
Adhesion Excellent
Mineral spirits resistance Good
Gasoline resistance Good
Motor oil resistance Good
Pencil hardness HB
Food contact rating NA

Base Materials:

Resin system Epoxy Ester
Solvents (top two) Xylene, Acetone
Propellant system Dimethyl Ether

III. SHIPPING, STORAGE AND HEALTH

Aerosol
IMDG number 1950
D.O.T. container spec 2P
D.O.T. shipping description Consumer Commodity
Warehouse storage level number NFPA 30B Level 2
Hazardous class (CFR-49) **ORM-D**
Storage temperature 32° to 120°F (0° to 49°C)
Shelf life 12-24 months
HMIS ratings
Health 2
Fire 4
Reactivity 1

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.

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