

Product Data Sheet

No. 17080 - 05/23

MARKING INK

CARB MIR ≤ 0.95 (NON-FLAT)

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 Safety Data Sheet for specific information on material hazards, etc. Test small area first to ensure compatibility before use.

Packaging:

Aerosol:

Cans (16 oz.)

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 7.19 lbs
Specific gravity 0.86
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 20.2%
Percent solids by volume 13%
Percent pigment by volume 9%
CARB MIR (non-flat) <0.95
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 Short Oil Alkyd
Solvents (top two) Acetone, N-Butyl Acetate
Propellant system Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

UN number UN1950
Proper Shipping Description Aerosols
Hazard Class 2.1
Packing Group N/A
Limited Quantity Yes
Warehouse storage level number NFPA 30B Level 2
Storage temperature 32° to 120°F (0° to 49°C)
Shelf life 1 to 2 years

HMIS ratings

Health 2
Fire 3
Reactivity 1

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.