

Product Data Sheet

No. 11731 - 09/19

LIVESTOCK MARKING DYE

AEROSOL MIR ≤ 1.30 FLUORESCENT COATING / MIR ≤ 0.95 NON FLAT COATING

PRODUCT NUMBERS: 1731 FL. RED
1732 FL. BLUE
1733 FL. GREEN
1734 BLACK

I. GENERAL DESCRIPTION

Features: This quality livestock marking dye is packaged in an aerosol can using a 360° spray-anyway valve and a tip with an attached pinpoint application tube. This systems allows marking at any angle and is excellent for making stripes, dots, horizontal number, and writing. It is formulated to provide good color visibility and retention. It can be applied by hand or using the Aervoe #241 Trigger Spray Gun.

Benefits: Provides long lasting color retention. Once dry, it is not affected by moisture and will not wash away. Each can is non-clogging and empties completely.

Uses: To mark the back of the hog for weight status or other body areas for different livestock identification. Write numbers, letters and symbols on the back and sides of the animal.

Application: Shake can well before use. Apply paint 3 to 4 inches from the animal's skin for writing tool, and 12 inches to stripe the back for sorting. Keep can in motion during use to prevent heavy build-up especially if the hog is restrained. For best results, use at temperatures between 60°F and 80°F (16°C to 27°C).

Limitations: Please refer to the Safety Data Sheets for specific information on material hazards, etc. Not recommended for use on sheep for wool production.

Packaging:

Aerosol:	Cans (20 oz.)	15 oz. net wt. (425 g)	19.8 fl. oz. (586 ml)
	12 cans/case	17 lbs. (7.7 kg)	0.55 CF (0.016 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications:

None

Appearance:

Gloss at 60° <80
Class Fluorescent
Class Non-flat

Coverage:

Aerosol

Theoretical—1" wide x 8" long ¼ mil dry 600-800 marks
Practical—at ½ mil dry 300-400 marks

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

To touch <5 min.
To handle <15 min.
Full cure <1 hrs
To recoat Anytime

Performance and Chemical Properties:

Weight per gallon 6.05 lbs
Specific gravity 0.725
Viscosity Not applicable
Flammability: Label marking Extremely Flammable
Flash point < 0°F (-18°C)
Operating temperature range 50° to 100°F (10° to 38°C)
Percent solids by weight 6%
Percent solids by volume 4%
Percent pigment by volume 4%
MIR Limit (fluorescent coating) ≤1.30
MIR Limit (non-flat coating) ≤0.95
Interior durability Good
Exterior durability Fair
Temperature resistance Good
Color fastness Good
Adhesion Good
Mineral spirits resistance Not applicable
Gasoline resistance Not applicable
Motor oil resistance Not applicable
Pencil hardness Not applicable

Base Materials

Resin system Not applicable
Solvents (top two) Ethanol, Ethyl 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 40° to 120°F (4° to 49°C)
Shelf life 1 to 2 years

HMIS ratings

Health 1
Fire 3
Reactivity 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.