

PRODUCT DATA SHEET

PRODUCT: HYDROTECH MARKING DYE
AEROSOL MIR <0.95 NON-FLAT COATING

PART NUMBER(S) 1841 - RED
1842 - BLUE
1843 - GREEN
1844 - BLACK



No. **1841** - 05/22

I. GENERAL DESCRIPTION

Description: A true water-based livestock marking dye free from Prop65 chemicals. This product is formulated to be safer for the environment, animal and user. The aerosol can uses a 360° spray-anyway valve with an attached pinpoint application tube. This system allows marking at any angle and is excellent for making stripes, dots, horizontal numbers, and writing. It is formulated to provide good color visibility and retention. It can be applied by hand or using 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. Do not use on sheep kept for wool production.

Application: Can be applied to dry or damp animals but excess water on wet animals should be removed to prevent mark distortion. Shake can well before use. Apply paint 3 to 4 inches from the animals 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. Do not allow product to freeze.

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)



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Specifications:

None

Appearance:

Gloss at 60° >90

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 <10 min.

To handle <20 min.

Full cure <1 hrs

To recoat Anytime

Performance and Chemical Properties:

Weight per gallon 7.90 lbs

Specific gravity 0.946

Viscosity Not applicable

Flammability: Label marking Extremely Flammable

Flash point <0°F (-18°C)

Operating temperature range 60° to 80°F (16° to 27°C)

Percent solids by weight 12%

Percent solids by volume 8%

Percent pigment by volume 4%

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 Acrylic

Solvents (top two) Water

Propellant system Dimethyl Ether

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 Level 1

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. 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.