

# PRODUCT DATA SHEET

## PRODUCT: HYDROTECH MARKING PAINT AEROSOL FLAT MIR/PWR <0.80

PART NUMBER(S): 1811 - HI-VIS GREEN    1813 - HI-VIS YELLOW  
1812 - HI-VIS PINK    1814 - HI-VIS ORANGE



No. **1811** - 06/22

### I. GENERAL DESCRIPTION

**Features:** A true water-based livestock marking paint using USDA biobased certified raw material and free from Prop65 chemicals. This product is formulated to be safer for the environment, animal and user. Aerosol will only operate in an upside down position. It is formulated to provide good color visibility and retention. It can be applied by hand or using Aervoe #1244 Spot Marker, with or without the spray-through cap on the can.

**Benefits:** Provides great color durability for up to 4 weeks, unless the animal is shedding its coat. Marks may last up to 3 months when applied to the animal's side. Once dry, it is not affected by moisture and will not wash away. The spray-through cap eliminates accidental discharge and can be used while wearing gloves. Each can is non-clogging and empties completely.

**Uses:** Developed for dairy heat detection but may be used to mark livestock for herd identification on open ranges; breeding or parentage identification; biosecurity on a farm, ranch, or commercial facility; identify medications given or needed, etc. Write numbers, letters and symbols on the back and sides of the animal.

**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 and for 1 minute after agitator ball is heard. Remove tab from tamper-resistant cap. With proper alignment of the activator bar, this product can be used with the cap on in Aervoe Spot Marker #1244. When using as a writing tool, apply paint 3 to 4 inches from the animal's skin. If used as a tail marker for breeding purposes, apply paint 5 to 8 inches away to make a 2 inch wide tail mark. Start the mark at the tail head and move down the tail 6 inches. It is important to hit all of the contact points when a cow is mounted. Keep can in motion during use to prevent heavy build-up. Clear paint from valve and tip after each use by turning can in an upright position and spraying for 2 to 3 seconds. For best results, use at temperatures between 60°F and 80°F (16°C to 27°C).

**Limitations:** Please refer to the Safety Data Sheet for specific information on material hazards, etc. This aerosol product is designed to spray at an angle not greater than 30° from vertical.

#### Packaging:

Aerosol:	Cans (20 oz.)	15 oz. net wt. (425 g)	16.6 fl. oz. (492 ml)
	12 cans/case	17 lbs. (7.5 kg)	0.55 CF (0.016 CM)

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## II. CHARACTERISTICS & PROPERTIES (average for all colors)

### Specifications:

None

### Appearance:

Gloss at 60° ..... <5  
Class..... Flat

### Coverage:

#### Aerosol

Theoretical-tailmarks 2" wide x 6" long ..... 175-275 marks  
Practical-at 1/2 mil dry..... 400-550 marks

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

To touch..... 30 min.  
To handle..... 45 min.  
Full cure..... 8 hrs.  
To recoat..... Anytime

### Performance and Chemical Properties:

Weight per gallon ..... 8.00 lbs/gal  
Specific gravity..... 0.96  
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..... 16%  
Percent solids by volume..... 8%  
Percent pigment by volume ..... 4%  
MIR Limit (flat)..... <0.80  
Interior durability ..... Very Good  
Exterior durability..... Fair  
Temperature resistance..... Not applicable  
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..... Alkyd  
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 ..... NFPA 30B Level 1  
Storage temperature ..... 40° to 120°F (4° to 49°C)  
Shelf life..... 1 to 2 years

### HMS 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 Williams Industrial Sales Co. (WISC) cannot control Buyer's handling or use of product, WISC makes no warranty expressed or implied when not used or stored in accordance with directions. WISC 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.