



## **BRIGHT COLD GALVANISING SPRAY** **BRIGHT, GLOSSY COATING FOR NEWLY GALVANIZED PARTS**

### **GENERAL DESCRIPTION**



A single component, zinc-aluminium coating combining corrosion protection properties with the lustre look of recently galvanized parts. Bright Cold Galvanising Spray is a combination of zinc and aluminium powders, resins and additives, formulated to form a flexible protective film with a bright, glossy appearance.

### **FEATURES**

- Excellent touch-up for freshly galvanized surfaces.
- Provides excellent corrosion and rust resistance to ferrous metals.
- Unique combination of flexibility and hardness.
- Resists rusting, peeling and fading.
- Adheres well to metal surfaces.
- Excellent colour match for recently hot-dip galvanized parts
- Totally lead and chromate free.
- No chlorinated solvents.

### **APPLICATIONS**

- Touch-up at Hot-Dip galvanizing plants
- Home, garden and farm equipment
- Structural steel
- Welding seams
- Coastal and shipborne installations
- Fences and gates
- Construction equipment
- Guard rails
- Pipes and fittings
- Repair of LPG storage tanks

### **DIRECTIONS**

- Shake aerosol can very well for at least one minute after agitator ball is free. Repeat frequently while using.
- Apply to a clean, degreased, dry surface for best results. Remove rust and scale with a wire brush.
- Apply in light, even coats; best results are obtained with 2 lighter rather than 1 heavy coat.
- Additional coats can be applied after 15-20 minutes.
- When spraying is finished, clean aerosol valve by turning can upside down and press button until only propellant escapes. If clogging occurs, remove button and clean orifice with fine wire.
- Do not use on energized equipment. Use in well ventilated area.

## TECHNICAL DATA

|  |  |
|--|--|
| Appearance   | : Bright Aluminum Finish                               |
| Resin Type   | : Modified Alkyd                                       |
| Pigment Type   | : Mixture of Zinc (purity 98%) and Nonleafing Aluminum |
| Specific Gravity (@ 20°C)  | : 1.06   |
| Flash Point (solvents)   | : -4°C   |
| Coverage (30 µm, dry)  | : Approx. 1.6 m <sup>2</sup> /can (400 ml)             |
| <b>Application Conditions</b>  |  |
| Minimum Ambient Temperature  | : 10°C   |
| Minimum Surface Temperature  | : 5°C ; 3°C over dew point                             |
| Maximum Humidity   | : 85 %RH   |
| Drying Times   | : 30 min   |
| - To Touch   | : 4 h  |
| - To Handle Complete Curing  | : 90% Cured After 7 Days @ 23°C                        |
| Recommended Film Thickness   | : 30-40 µm   |
| Thinner / Cleaner  | : White Spirit, Acetates                               |
| Dry film properties (35 µm on degreased metal) Salt spray (ASTM B 117) | : 100 h (*)  |
| Adhesion on steel (ASTM D 3359)  | : GT= 0/1  |
| Flexibility (6 mm mandrel, visual)                                     | : Pass   |
| Heat resistance (4 h @ 200°C)  | : Slight Yellowing                                     |
| Low temperature resistance   | : -30°C  |
| Hardness Persoz (after 72 h)   | : 80 s   |
| Packaging:   | : 12 x 400ml   |

\* Typical corrosion protection results will depend mainly on surface conditions and environment. It may be several months up to over 1 year outdoors or more than 2 years indoors. The first application therefore should be checked periodically for signs of corrosion. Once the time of protection under any specific condition is determined, Bright Cold Galvanising Spray may be re-applied at intervals to maintain protection.

## STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 48 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

## HEALTH AND SAFETY

Health and Safety sheet available separately.

## TECHNICAL SERVICE

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## MISREPRESENTATION ACT 1967

## TRADE DESCRIPTIONS ACT 1968

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