# **TECHNICAL DATA SHEET-TDS**



# MRO 1020 – BRITE GALVA

# Corrosion Inhibitor

### **PRODUCT DESCRIPTION**

'MRO 1020 – BRITE GALVA' is a high performance zinc coating designed to provide true galvanic corrosion protection to metals and stop rusting and rust creepage. It air dries fast on application to leave a high purity zinc film that is highly resistant to heat, water, corrosion and saline environments. It bonds electrochemically to bare metals without requiring any baking and offers maximum protection against corrosion under severe conditions.

'MRO 1020 – BRITE GALVA' does not contain any chlorinated solvents, CFCs or ozone depleting chemicals.

### **BENEFITS**

- Repairs damaged hot dip galvanized surfaces
- Fast air-drying and offers protection of hot dip galvanizing
- Very high purity zinc in film
- Brilliant metallic finish to that of hot dip galvanizing
- Highly abrasion resistant film does not peel off
- Offers long-term protection
- Prevents rust & corrosion

## **AVAILABLE PACKAGING**

#### 500 ml/368 gm (Net)/650 ml gross Aerosol Can



## APPLICATIONS

- Structural steels
- Transmission towers
- Welding seams
- Bridges
- Relay towers
- Piping & ducting
- Offshore equipment
- Nuclear & power plants
- Antennas
- Metal fabrication
- Industrial maintenance
- Touch up to damaged galvanized coatings

# **DIRECTIONS FOR USE**

- 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 coat of each 25 micron (1 mil) rather than 1 heavy coat. Additional coats can be applied after 5-10 minutes.
- Drying time to touch is about 10-15 minutes, to handle is about one hour and for complete cure is about 24 hours.
  Flush away paint products or product residues in the dip tube of the valve by cleaning it.
- 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.

# CAUTION

It contains flammable solvents. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

# SHELF LIFE

24 months from date of manufacture

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# **Technical Properties**

PARAMETER	VALUE
Туре	Single pack system
Appearance	Paint type liquid
Colour	Bright Silver
Odour	Solvent
Specific Gravity	Less than 1.00 gm/cc
Zinc Purity	99.9% min
Flash Point (aerosol)	-18°C
Temperature - Dry Heat	Up to 250°C
Dry Film Thickness (single coat)	0.75 mils
Drying Schedule	
-To Touch	10 minutes
-To Handle	45 minutes
Complete Cure	12hrs
Coverage	2-3 m <sup>2</sup> /can
Recommended Film Thickness	1-2 mil
Salt Spray (ASTM B 117)	100 h. (2 mil film thickness)

## HANDLING

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding PPE, safe use, and physical & health hazards. Safety data sheet is available from MRO INFRA or your local MRO INFRA Channel Partner.

## DISPOSAL

All used and unused product should be disposed of in accordance with state regulations.

# LIMITED WARRANTY

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended MRO INFRA product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.