

# TECHNICAL DATA SHEET

Product No. 2087, 2187



ACN 000 725 833

## CRC Industries (Aust) Pty. Limited

PO Box 199, Castle Hill, NSW 1765.

### I. Product Description

**CRC BRIGHT ZINC** is a zinc rich paint which produces a highly protective coating resembling the colour of new galvanising. The film is comprised of a high level of special water resistant binder. BRIGHT ZINC contains more than 50% of the highest purity Zinc in the dried film, to give Galvanic Rust Prevention if the protective film becomes damaged.

### II. Applications

**CRC BRIGHT ZINC** is ideal for use on; Transmission Towers, Transformers, Radio and TV Relay Towers, Power Generation Equipment, Structural Steel, Trailers, Roofs, Guard Rails, Welding Seams, Rivet Holes, Fencing, Storage Tanks, Off Shore Oil Rigs, Ships, Railroad Equipment, Sub-station Equipment, Touch-Up over galvanized coatings.

### III. Features & Benefits

- ☐ Easy to apply – aerosol only
- ☐ Long term protection to steel because of cathodic action
- ☐ Metallic zinc coating is universally accepted as the best method of rust prevention.
- ☐ High build protective film provides exceptional moisture protection.

### IV. Physical Properties without propellant

<b>Flash Point</b>	41 <sup>0</sup> C	<b>Specific Gravity(20<sup>0</sup>C)</b>	1.00 ± 0.05
<b>Temperature Resistance</b>	Up to 80 <sup>0</sup> C	<b>Complete Cure (20<sup>0</sup>C)</b>	48 hours
<b>Average Film Thickness</b>	50 Microns	<b>Solubility in Water</b>	Insoluble
<b>VOC Content including propellant</b>	60%wt, 500 g/litre	<b>Propellant</b>	Hydrocarbon

### V. Specification and Approvals

NZFSA Approved C23 Meat.

## VI. Application Data

<b>Type of Film</b>	Heavy, Flexible
<b>Film Thickness</b>	Wet – 150 microns; Dry – 75 microns
<b>Coverage</b>	1 sq metre per aerosol can. 6sq m per litre.
<b>Drying Time</b>	20 min. to touch, recoat anytime, 24 hrs to hard
<b>Preparation</b>	Thorough abrading, firm dry surface
<b>Spraying</b>	Clean up with enamel thinners

## VII. Directions

### Preparation

- ❑ Thorough preparation of the surface gives a longer protection
- ❑ Ideally, abrasive blasting to AS 1627.9 Class 2. ( Millscale, rust and foreign particles are substantially removed and that grey metal is visible.)
- ❑ Shake aerosol thoroughly to mix before use. Correctly mixed is smooth and uniform throughout and dries to a bright silver similar to new galvanised iron.

## VIII. Disposal

Disposal requirements vary by state and local regulations. All used and unused product should be disposed of in conformance with local, state and commonwealth laws and regulations.

## IX. Special Use Warnings

### Aerosol Cans

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

### General

Use only in well ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapour and spray mist. Avoid contact with the skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure, review this product's Material Safety Data Sheet.

**PRODUCT WARRANTY:** CRC offers a conditional warranty on this product for the period of 2 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries (Aust.) Pty. Ltd. All products should be tested for suitability on a particular application prior to actual use. CRC Industries (Aust.) Pty. Ltd. makes no representations or warranties of any kind concerning this data.