

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

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

V. Specification and Approvals

NZFSA Approved C23 Meat.

VI. Application Data

Type of Film	Heavy, Flexible
Film Thickness	Wet – 150 microns; Dry – 75 microns
Coverage	1 sq metre per aerosol can. 6sq m per litre.
Drying Time	20 min. to touch, recoat anytime, 24 hrs to hard
Preparation	Thorough abrading, firm dry surface
Spraying	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 5 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.