

TECHNICAL DATA SHEET

Product No. 2085



CRC Industries (Aust) Pty Ltd

I. Product Description

CRC ZINC IT is a single component Zinc rich compound with a special epoxy binder and contains 95% of the highest purity Zinc in the dried film, to give Galvanic Rust Prevention.

II. Applications

CRC ZINC IT 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, Coastal and Ship borne Installations subject to severe salt water and salt spray corrosion.

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.
- ❑ Flexible continuous protective film
- ❑ Does not contain Lead.

IV. Physical Properties without propellant

Flash Point	41 ^o C	Specific Gravity(20^oC)	2.20 ± 0.05
Temperature Resistance	Up to 400 ^o C	Complete Cure (20^oC)	72 hours
Average Film Thickness	50 Microns	Solubility in Water	Insoluble
VOC Content including propellant	54.7%wt, 580 g/litre	Propellant	Hydrocarbon

V. Specification and Approvals

ASTM B117 Salt Spray Corrosion: >1000hours.

VI. Application Data

Type of Film	Dry, Flexible
Film Thickness	Wet – 150 microns; Dry – 75 microns
Coverage	6m.sq/Lt at 75 microns
Drying Time	20 min. to touch, 8hrs to recoat, 24 hrs to hard
Preparation	Thorough abrading, firm dry surface
Spraying	Clean up with 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 a flat mid grey.

Overpainting

- Conventional enamels should not be used over zinc rich primers unless a barrier coat such as Etch Primer is first applied over the **Zinc It** coating.

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.