CRC Industries (Aust) Pty Ltd

## *I. Product Description*

CRC Coloured Zinc's unique formulation combines superior rust inhibiting properties of zinc with a tough but flexible enamel coating and a coloured satin finish in recognised safety colours. High levels of anti-corrosive zinc complexes are embedded in a resin system which forms a quick-drying highly-protective enamel coating with excellent adhesion to bare metal.

CRC Coloured Zinc provides a satin top-coat finish but unlike standard paint systems, resists undercutting and blistering from corrosion by forming an effective corrosion barrier. For ultimate protection, prime the metal surface with CRC Zinc It prior to applying CRC Coloured Zinc. To achieve a high film build, use CRC Prep It as an intermediate coat if required. Ongoing protection can be achieved through simple re-coating within 3 years, depending on conditions. Protection in extreme conditions may require re-application more frequently.

## *II. Features & Benefits*

- **Zinc enriched for corrosion protection** – High levels of anti-corrosive zinc complexes in the dried film, embedded in a protective enamel coating
- **Satin finish** – Available in seven colours
- **Safety** – Colours conform to British Safety Colour standards
- **Excellent adhesive qualities** – Forms a tough coat for long-term protection
- **Heat Resistance** – Up to 120°C
- **Corrosion protection** – Corrosion Protection Factor 36 (up to 3 years before recoating is necessary, depending on conditions)
- **Fast drying** – Touch dry in 20 minutes, recoat within 30 minutes, full cure in 24 hours
- **Easy re-application over existing film and/or clean surfaces** – For ongoing protection
- **Single coat** – No over coating required. For additional protection, prime metal surface with CRC Zinc It or CRC Prep It prior to applying CRC Coloured Zinc.
- **Ready to Use Aerosol** – No additional mixing or chemical additives required. Easy application. No clean up.
- **Does not contain CFCs, methylene chloride**
- **MPI Approved C23**
- **Conforms to British Safety Colour standards –** Black Zinc 00 E 53, Green Zinc 14 E 53, Blue Zinc 18 E 53, Yellow Zinc 08 E 51, Red Zinc 04 E 53

## *III. Compatibility*

**Can be applied over:**
Bare steel, iron and their welds. All metal surfaces. CRC Etch It. CRC Zinc It. CRC Prep It. CRC Prime It.

**Can be over coated with:**
Itself.

**Recommended System:**
CRC Coloured Zinc can act as a finish coat on bare metal. For ultimate protection,
1. Prime the metal surface with CRC Zinc It
2. Apply CRC Prep It as an intermediate coat to promote a top-quality high-gloss topcoat finish
3. Apply CRC Coloured Zinc as finish coat.

**Surface Preparation:**
1. Remove signs of corrosion with a wire brush or emery paper or similar.
2. If rust cannot be removed, treat surface with CRC Rust Converter after thoroughly abrading rusty areas with a wire brush.
3. Clean surface with CRC Brakleen or similar degreaser if required.
4. Where possible, abrade surface with disc grinding, wire brush or sandpaper.

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**Application:**

1. Shake can until agitator ball is moving freely and then for at least 1 further minute to ensure content is thoroughly mixed.
2. Apply a number of thin coats with smooth even strokes to clean, dry surface holding can approximately 25cm from surface.
3. When finished spraying, clean valve by turning can upside down and pressing button until only pressure escapes.

**Application Data:**

| | |
|---|---|
| **Touch Dry** | 15-20 minutes |
| **Full Cure** | 24 hours |
| **Time to Overcoat** | Within 1 hour or after 24 hours |
| **Theoretical Coverage** | Up to 10m²/1L<br>Up to 2m²/aerosol can |
| **Clean up with** | Mineral turpentine or white spirits |

## *IV. Typical Properties and Characteristics*

| | |
|---|---|
| **Propellant** | Hydrocarbon |
| **Temperature Range** | Up to 120°C |
| **Corrosion Protection Factor** | 36 |
| **Reapplication period Indoors** | As required |
| **Reapplication period Outdoors** | Up to 3 years, depending on conditions |
| **Colour** | Black, white, green, blue, yellow, red, orange |

## *V. Package Description*

| **Part Number** | **Size** |
|---|---|
| 2089 | Aerosol 400 ml Black |
| 2189 | Can 1 litre Black |
| 2090 | Aerosol 400 ml White |
| 2101 | Aerosol 400 ml Orange |
| 2096 | Aerosol 400 ml Green |
| 2097 | Aerosol 400 ml Blue |
| 2098 | Aerosol 400 ml Yellow |
| 2100 | Aerosol 400 ml Red |

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## *VI. Special Precautions*

**General:**
Extremely flammable aerosol, highly flammable liquid and vapour. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Do not spray on open flame or other ignition source. Use with adequate ventilation. Store in a cool, well-ventilated area. Do not eat, drink or smoke when using this product. Dispose of empty containers safely. All unused product should be disposed of in conformance with local regulations, do not contaminate water supply.
**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.
**First Aid:**
Swallowed – Avoid giving milk or oils or alcohol. Not considered a normal route of entry.
Skin – Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. Seek medical attention in the event of irritation.
Eyes – Immediately hold the eyelids apart and flush the eye continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay.
Inhaled – Remove to fresh air. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.



**PRODUCT WARRANTY:** CRC offers a conditional warranty of 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.