



## I. Product Description

**CRC Bright Zinc-It®** is a quick drying, light-duty, sacrificial coating that protects ferrous metals from oxidizing. It creates a barrier film between the environment and the base metal to prevent the formation or spread of rust and corrosion. It also provides the appearance of a high shine, hot-dip galvanized, bright metallic finish. **Bright Zinc-It®** is excellent for touch-ups to scratches, dents, welds, wear or machined edges on aluminum and other high shine metal substrates.

## II. Applications

Recommended for use on threads, exposed edges, fasteners, conduit, strapping, welds, fencing, railings, grates, electrical poles, breaker panel housings, rain spouts, signs, doors, trailers, waste containers, catwalks and guard rails. Ideally suited for a variety of environments including marine, utility, refinery, water treatment, chemical processing, pulp & paper, steel manufacturing and general maintenance and repair.

## III. Features & Benefits

- **High Shine Finish.** Provides the appearance of a hot-dip galvanized, bright metallic finish.
- **Sacrificial Zinc Coating.** Inhibits rust and corrosion on ferrous metals.
- **Quick Drying.** Dries to touch in 15 minutes. Allows treated parts to be handled quickly.
- **S.D.[L.]™-Safety Data Label.** Provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with **OSHA Hazard Communications Standard 29 CFR 1910.1200.**

## IV. Physical Properties

<b>Flash Point</b>	< 0°F (TCC)	<b>Boiling Point</b>	136°F-334°F
<b>Odor</b>	Solvent	<b>Solubility</b>	Neg. in water
<b>Appearance</b>	Gray liquid	<b>VOC %</b>	65%
<b>Vapor Density</b>	>1	<b>Specific Gravity</b>	0.95 – 0.99
<b>VOC Content (Fed)</b>	~ 530 g/L	<b>Binder</b>	Styrenated-Epoxy
<b>Sara Title III, Sect. 313 Chemicals</b>	Yes	<b>Propellant</b>	Hydrocarbon
<b>Prop 65</b>	Yes	<b>Temperature Range</b>	Continuous 138°F Intermittent 150°F

## V. Performance Characteristics

Type of Film	Dry, shiny, gray finish
Film Thickness	1.5 to 3 mils for optimum protection
Dry Time	15 minutes to touch
Recoat	After 2 to 16 hours
Full Cure	48 hours

## VI. Directions

### Surface Preparation

**New Steel** - Surface must be dry and free of contamination. Remove all weld spatter and grind all rough welds and sharp edges to a smooth contour. For severe exposure (immersion, chemical, etc.), near-white blast clean per SSPC SP 10-63T. For other exposures, blast clean per SSPC SP 6 - 63 to a maximum profile of 1.5 mils.

**Previously Painted Surfaces** - Must be free of oil, grease or other contamination. For best results, spot blast exposed areas to be primed. Power tool brushings may be used for minor touch-up.

### Application Directions

- Surface should be dry and free of rust bloom.
- Shake well until agitator ball is free. Repeat while using.
- Best results are obtained when sprayed above 60°F. Spray from 12-15 inches away in light, even coats.
- The optimum film thickness for Bright Zinc-It® is 1.5 to 3.0 mils of dry film. To obtain this thickness via aerosol application, 3 passes of spray are required. Spray the substrate once vertically, once horizontally, and once more vertically for ideal coverage.
- Additional coats for heavy film can be applied when first coat is dry. For a thickness of 3 mils, repeat the above spray pattern twice.
- When finished spraying, clean valve by turning can upside down and pressing button until only pressure escapes.
- If clogging occurs, remove button and clean slot and orifice with fine wire.

## VII. Package Description

Part Number	Container Size
18414	16 oz Aerosol

## VIII. Disposal

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

## IX. Special Use Warnings

Proper precautions should be taken to assure operator protection, including explosion-proof electrical fixtures when applied indoors.

### Aerosol Cans

Do not puncture, incinerate or store above 120°F. 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 vapor and spray mist. Avoid contact with 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 Safety Data Sheet.

**DISCLAIMER:** This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.