I. Product Description

CRC Stainless Steel+Zinc's unique formulation combines superior rust inhibiting properties of zinc with a tough but flexible enamel coating for heavy-duty protection and a hard-wearing stainless steel finish. Pure zinc particles and stainless steel flakes are embedded in a resin system which forms a quick-drying highly-protective enamel coating on bare metal. Stainless steel rises to the surface to provide a durable stainless steel finish over a zinc rich base in the dried film.

This organo-zinc coating provides an effective barrier for protection of treated surfaces from environmental conditions like moisture, humidity, water and heat while the zinc particles – due to sacrificial anodisation of zinc – stop rust and rust creepage if the coating is scratched, abraded or dented.

CRC Stainless Steel+Zinc provides a gloss top-coat finish but unlike standard paint systems, resists undercutting and blistering from corrosion. For ultimate protection, prime the metal surface with CRC Zinc It then apply CRC Stainless Steel+Zinc as a top coat. CRC Stainless Steel+Zinc provides excellent cover and is capable to be applied as a heavy film for extra protection without forming runs, delivered from a unique aerosol system giving a smooth even coat. Ongoing protection can be achieved through simple re-coating within 5 years, depending on conditions. Protection in extreme conditions may require re-application more frequently.

II. Features & Benefits

- **Zinc-rich** – More than 50% highest purity zinc in the dried film, embedded in a protective enamel coating
- **Contains Stainless Steel** – For durable stainless steel finish, no need for top-coating
- **Protective Coating** – Resistant to salt corrosion, water and heat. Powerful protection in harsh conditions.
- **Excellent adhesive qualities** – Forms a tough coat for long-term protection
- **Easy application** – High film build in one step
- **Heavy-duty** – Resistant to salt corrosion, water and heat. Powerful protection in harsh conditions.
- **Heat Resistance** – Up to 120°C
- **Long-term corrosion protection** – Corrosion Protection Factor 60 (up to 5 years outdoors before recoating is necessary, depending on conditions)
- **Sacrificial anodisation of Zinc** – Stops rust and rust creepage even when scratched, abraded or dented
- **Fast drying** – Touch dry in 20 minutes, recoat immediately, full cure in 24 hours
- **Easy re-application over existing film and/or clean surfaces** – For ongoing protection
- **Single coat** – No overcoating required. For additional protection, prime the metal surface with CRC Zinc It prior to applying CRC Stainless Steel+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**

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 overcoated with:
Itself.

Recommended System:
CRC Stainless Steel + 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 if required,
3. apply CRC Stainless Steel + 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 thorougly 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.

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 with smooth even strokes to clean, dry surface holding can approximately 25cm from surface until desired coverage is achieved.
   When finished spraying, clean valve by turning can upside down and pressing button until only pressure escapes.

IV. Typical Properties and Characteristics

Physical Properties:

Propellant	Hydrocarbon
Flash Point	-81°C (Propellant)
Temperature Range	Up to 120°C
Corrosion Protection Factor	60
Reapplication period Indoors	As required
Reapplication period Outdoors	Up to 5 years, depending on conditions
Colour	Dries to the colour of stainless steel

Performance Characteristics:

Touch Dry	15-20 minutes
Full Cure	24 hours
Time to Overcoat	1 hour
Theoretical Coverage	Up to 2m²/aerosol can
Clean up with	Mineral turpentine or white spirits

V. Package Description

Part Number	**Size**
2092	400ml Aerosol

VI. Special Precautions

General:
Extremely flammable aerosol. 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 and HSNO 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 2 years from the date of manufacture.