



CRC Industries NZ
Auckland NZ

I. Product Description

CRC Metal Armour is a zinc rich primer that contains 85% zinc in the dry film. It is a versatile and unique formulation that bonds directly to bare metal or most surfaces, including painted surfaces.

It provides a strong corrosion factor 68 protection (up to 5 and half years) on exposed outdoor surfaces. CRC Metal Armour protects by galvanic action and prevents rust and rust creepage even when damaged or abraded. Existing rust must be removed or treated prior to application.

USE ON: Cars, Trucks, Boats, Trailers, Iron or Steel, Equipment and Tools, Railings and Fences. Anything that requires painting post rust treatment.

II. Features & Benefits

- Zinc-rich - 85% zinc in the dried film.
- Zinc rich primer and sealer.
- Durable coating and superior adhesion
- Can be used on bare metal or prepared surfaces.
- Ready to Paint or leave uncoated.
- Coating protects through galvanic action, stops rust and rust creepage even when scratched or abraded.
- Long term corrosion protection - provides 68 months or 5 and half years, depending on the conditions.
- To treat rust, use CRC Rust Converter first, then Metal Armour to get the best coating performance and rust protection.

III. Compatibility

Can be applied over:

Bare metal or most surfaces, including painted surfaces.

Preparation – Read entire label before use:

1. Ensure all rust is either mechanically removed or treated with CRC Rust Converter or a chemical treatment.
2. Ensure the surface is dry and free from any oil, grease, or other contaminants.

Application:

1. Stir before and during use.
2. Apply to clean dry surface to ensure perfect results.
3. Perfect for application by brush, roller or sprayer.
4. If thinning is required, use ADOS solvent N or general-purpose spraying thinner.



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IV. *Typical Properties and Characteristics*

Physical Properties:

Zinc Content in Dry Film	85% by weight
Flash Point	25°C
Temperature Range	200°C
Corrosion Protection Factor	68
Reapplication period Indoors	As required
Reapplication period Outdoors	Up to 5.5 years, depending on conditions
Colour	Grey
Specific Gravity	2.1

Performance Characteristics:

Touch Dry	20 minutes
Full Cure	1 hour
Time to Overcoat	30 Minutes
Theoretical Coverage	Up to 6m ² /can
Clean up with	Mineral turpentine or white spirits

Package Description

Part Number Size

1754729 1L Can

V. *Special Precautions*

General:

Highly flammable liquid and vapour. Harmful if swallowed. May be fatal if swallowed and enters

airways. Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Suspected of damaging fertility or the unborn child. Very toxic to aquatic life with long lasting effects. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not breathe mist/vapours/spray. Use only outdoors or in a well-ventilated area. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/intrinsically safe equipment.

Use non-sparking tools. Take action to prevent static discharges. Wash all exposed external body areas thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid release to the environment. Wear protective gloves, protective clothing, eye protection and face protection. Take off contaminated clothing and wash it before reuse. Call a POISON CENTER/doctor/physician/first aider if you feel unwell.



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First Aid:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/first aider. Do NOT induce vomiting.

IF ON SKIN: Take off immediately all contaminated clothing. Wash with plenty of water and soap. Rinse skin with water (or shower). If skin irritation occurs: Get medical advice/attention.

Storage:

Store locked up. Store in well-ventilated place. Keep cool.

Contains:

Zinc Powder, Xylene, Mineral turpentine, N-Butyl Alcohol.

Disposal:

Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 11/2023

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.