



CRC Industries NZ
Auckland NZ

I. Product Description

CRC Soft Seal provides a dry transparent, amber waxy film for heavy protection of parts that will not wash or wipe off even in severe conditions. It is a premium heavy-duty, long-term, indoor/outdoor corrosion inhibitor for machined metal surfaces and assemblies subjected to long periods of storage or adverse shipping conditions. It is highly resistant to humidity, salt water and spray, chemicals and corrosive atmospheres.

CRC Soft Seal is suitable for the protection and storage of electrical circuits and components, heat pump exterior units and condensers, metal parts and assemblies, alloy extrusions, dies and moulds, battery terminals and connectors. It protects for up to 2 years when exposed to severe salt spray conditions.

Temperature Range -20 °C to +100 °C.

II. Features & Benefits

- Seals out moisture and corrosive contaminants
- Forms a dry, transparent, amber film which is highly resistant to humidity, salt water and salt spray
- Never becomes brittle and will not craze
- Will not attack plastic, rubber, paint or insulation material
- Easy re-application over existing film and/or clean surfaces
- Easily removes with CRC Brakleen or mineral spirits
- Withstands 400 hours of salt spray test
- Temperature Range -20 to +100 °C

III. Application and Directions

1. Shake can well before using.
2. Mask area to be sprayed.
3. Best results are obtained when the can temperature is above 16 °C, do not heat above 30 °C.
4. Spray in light even coats from a distance of 30-40cm.
5. Additional coats for heavy film may be applied after each coat hardens.
6. To remove CRC Soft Seal use CRC Brakleen or mineral spirits.

IV. Typical Properties and Characteristics

| | |
|--|---------------------------------|
| Ultimate Film Thickness | 20-50 µm |
| Salt Spray ASTM B117 Resistance to rust | >500 hours |
| Dry to Touch Time | 12 hours |
| Max Expected Coverage | 6 m ² /300g can |
| Reapplication period Indoors | 3 years |
| Reapplication period Outdoors | 2 years |
| Flash Point | < 0 °C |
| Specific Gravity @ 20 °C | 0.87 ± 0.05 |
| Viscosity @ 20 °C | 200-500cP (Thixotropic) |
| Colour | Amber |
| Clean Up | CRC Brakleen or mineral spirits |
| Temperature Range | -20 °C to +100 °C |



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V. *Package Description*

| Part Number | Size |
|-------------|--------------|
| 3013 | Aerosol 300g |
| 3014 | Can 4 litre |

VI. *Special Precautions*

General:

Extremely flammable aerosol, combustible liquid. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Store in a cool, well-ventilated area. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Always wash hands with soap and water after handling. 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 – Do not give milk or oil. Do not give 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.

Inhalation – Remove to fresh air. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 04/2012

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.