

TECHNICAL DATA SHEET

Product No. 3005 and 3009



CRC Industries (Aust) Pty Ltd

I. Product Description

CRC 3.36 is a multiple organic inhibitor in a paraffinic oil base that prevents rust and corrosion by displacing and sealing out moisture and by forming a continuous protective barrier against water and oxygen.

II. Applications

- Process Manufacturing: Heat-treated parts, Machined surfaces, Finished welds, In-process aluminium extrusions/fabrication.
- Machining: Fixtures, Dies, Jigs, Shim Stock, Chucks, Drills, Die Sets, Finished goods, Gears, Ground stock, Micrometers, Precision instruments.
- Maintenance: Airtools, Locks, Hoists, Stuck joints, Conveyors, Scales, Lift trucks.

III. Features & Benefits

- **Thin Invisible Film.** Film never dries or becomes brittle. Penetrates into the pores and cracks. Does not have to be removed before welding, machining, or processed.
- **Easy to Remove.** Removes readily with CRC Lectra Clean or CRC Braklean.
- **Aerosol.** Available in 300g for controlled application.
- **Bulk.** Available in bulk.
- **Extremely Low Surface Tension.** Low surface tension and an affinity for metal, ensures that a continuous film of product will blanket every part of the surface.
- **Protects Aluminium.** Protects aluminium (Anodised or Mill) and copper from plaster burn and concrete burn. Prevents 'finger printing', the corrosive action of acids and oils left by human handling.

IV. Physical Properties without propellant

Flash Point	73 ⁰ C (TOC)	Boiling Point	193 ⁰ C Initial
Flashpoint (Dry Film)	235 ⁰ C	Solubility	Neg in water
Odour	Pleasant odour	% Volatile	82
Appearance	Green translucent liquid	Specific Gravity	0.81 ± 2 @ 25 ⁰ C
Vapour Density	Heavier than air	Propellant	CO ₂

V. Specification and Approvals

- MAF Approval (C14) Meat
- NSN 6850-00-050-0659

VI. Performance Characteristics

Type of Film	Non – drying
Average Film Thickness	1 – 2 Micron
Viscosity (21⁰C)	3cps
Expected Coverage	100m ² /1 Litre
Solvent Dissipation (20⁰C)	Complete in 4 hours
Heat Resistance	150 ⁰ C Max
Freezing Point	Lower than –55 ⁰ C
Dielectric Strength	42,000 Volts per ASTM D-877
Corrosion Resistance	Up to 2 years

VII. Directions

- ❑ Read all directions and warnings before using
- ❑ Switch off and de-energize before using CRC 3.36
- ❑ Shake can well before using
- ❑ Coat area ensuring total coverage to give maximum protection.
- ❑ For equipment that has been submerged in water, spray liberally on every surface. Allow 2 to 24 hours to displace water. Flush salt or dirty water prior to spraying.
- ❑ If necessary, repeat application.

VIII. Disposal

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

IX. Special Use Warnings**Aerosol Cans**

Do not puncture, incinerate or store above 50⁰C. 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 vapour and spray mist. Avoid contact with the 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 Material Safety Data Sheet.

PRODUCT WARRANTY: CRC offers a conditional warranty on 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.