

# TECHNICAL DATA SHEET

Product No. 2031



## CRC Industries (Aust) Pty Ltd

### I. Product Description

LECTRA SHIELD is a long term indoor/outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions. It displaces moisture and provides a transparent, amber waxy film for heavy protection of parts, equipment and machinery. LECTRA SHIELD will provide protection of equipment subject to heat, humidity, chemicals or corrosive atmospheres.

### II. Applications

LECTRA SHIELD can be used valves, cable end sealer, dies, moulds, bits, spindles and instrumentation. Recommended on motors, shafts, equipment exposed to the elements, outdoor storage of raw materials and finished stock. Will protect during shipping even if exposed to salt spray conditions.

### III. Features & Benefits

- ❑ **Humidity and Salt Spray Resistant.** Provides heavy corrosion protection to preserve and lengthen useful life of equipment.
- ❑ **Long-Term Indoor/Outdoor Protection.** Provides for up to 2 years for long-term storage of parts, and equipment and machinery.
- ❑ **Easy to Remove.** Removes readily with mineral spirits.
- ❑ **Aerosol.** For controlled, easy application of product.

### IV. Physical Properties without propellant

<b>Flash Point</b>	60°C	<b>Solubility</b>	Neg. in water
<b>Odour</b>	Solvent - like	<b>% Volatile</b>	80
<b>Appearance</b>	Dark Amber, waxy	<b>Specific Gravity</b>	1.016
<b>Vapour Density</b>	> air	<b>Propellant</b>	Hydrocarbon

### V. Specification and Approvals

## VI. Performance Characteristics

<b>Type of Film</b>	Waxy, dry film
<b>Film Thickness</b>	0.5 – 2 mil dry
<b>Drying time</b>	Approx. 1 hour to touch
<b>Coverage ( 25 Micron )</b>	20m <sup>2</sup> /1 Litre
<b>Corrosion Resistance</b>	Up to 1 yr outdoors / 2yrs indoors

## VII. Directions

- ❑ Shake can well before use.
- ❑ Mask area not to be sprayed.
- ❑ Best results are obtained when sprayed above 15<sup>0</sup>C. Spray from a distance of 30 to 35 cm in light, even coats.
- ❑ Additional coats for added protection may be applied after each coat dries.
- ❑ When finished spraying, clean valve by turning can upside down and pressing actuator until only propellant escapes.
- ❑ **Do not** use on energised equipment.
- ❑ Remove with aliphatic petroleum solvents or mineral spirits.

### 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.

## VIII. Special Use Warnings

### Aerosol Cans

Do not puncture, incinerate or store above 50<sup>0</sup>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 electric 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 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.