

## CRC Plasticote 70

Clear protective lacquer. The universal protective film for printed circuits.

### Pack Sizes Available

Aerosol 300 gm [2043]

CRC Plasticote 70 is a clear acrylic lacquer ideal for the protection and insulation of printed circuit boards or electronic parts. It is also suitable for protecting maps, charts, legal documents and drawings.



CRC Plasticote 70 resists high temperatures. The protective film softens only at 100°C and does not become sticky until 120°C. It readily endures temperatures down to -70°C, provided the film is not subjected to mechanical stress.

CRC Plasticote 70 readily protects printed circuit boards against the environmental effects such as moisture, atmospheric oils, dust and oxidation.

Use CRC Plasticote 70:

In radio sets to prevent current creepage, eliminate weak current, short circuits on coils or transformers.

Protect components from condensation and moisture - insulate cables and wires.

Coat terminal strips, screw connections and switch boxes that are exposed to atmospheric effects.

Three coats will provide a dielectric resistance of 16kV. Allow 30 minutes drying time between coats to facilitate build up.

Ideal for protecting maps, charts, legal documents, technical drawings, architectural plans, scripts and other flexible items.

In television - to eliminate corona discharge phenomena from high voltage transformers and to prevent tracking at line transformers etc.

Aerial protection - against atmospheric corrosion for VHF, TV and radio aerials.

Marine radio and components - protects against salt water corrosion.

### Features

- Protects current creepage and short circuits.
- Resistant to diluted acids, alkaline, alcohol and humidity.
- Ideal for touch-ups for electronic printed circuits after repair.
- Dries to a hard flexible film.
- Can be soldered through for repair.

### Approvals

- NZFSA Approved C12
- USDA Authorised for use in Federally inspected Meat and Poultry Plants.
- Certificate of Inspection for use in NSW Coal Mines.

### Physical Properties

Colour	Colourless
Viscosity	13s (Ford Cup)
Surface Resistance	$3 \times 10^{13}$ DIN 53482
Breakdown Voltage	20 kV/mm
Creep Resistance	600 v (DIN IEC112/VDE 0303 Part 1)
Dielectric Constant	2.55 at 100 kHz
Endurance Thermal Stability	100°C
Temporary Thermal Stability	120°C
Low Temperature Stability	70°C