

# TECHNICAL DATA SHEET

Product No. 14070



ACN 000 725 833

## CRC Industries (Aust) Pty. Limited

PO Box 199, Castle Hill, NSW 1765.

### I. Product Description

**CRC Minute Mend** is a two part epoxy putty packaged in a convenient one piece stick for immediate long lasting repairs.

### II. Applications

#### **CRC Minute Mend** is:

Recommended to permanently repair scratches, gouges and holes in drums, tanks, castings, moulds, sinks, tubs and leaky gasket; to perform routine electrical jobs such as mounting terminal blocks, packing wires and repairing breaker boxes; to stop leaks; even underwater, and to be used in plumbing, electrical, ceramic, as well as vehicle and machinery repair.

### III. Features & Benefits

- ❑ Specially Formulated. Bonds to both wet and dry surfaces. Can be applied underwater.
- ❑ Versatile. Bonds to wood, steel, fibreglass, glass, ceramics, plastics, concrete and aluminium.
- ❑ Convenient. Ready to use in less than one minute.
- ❑ Multiple Uses. Can be tapped, sawed, drilled, machined, stained or painted.
- ❑ No Fire or Flash Point. Safe for use in many applications.

### IV. Physical Properties

Flash Point	None	Boiling Point	Not applicable
Odour	None	Solubility	Insoluble
Appearance	Grey/green 2-part	% Volatile	Negligible
Vapour Density	Not applicable	Specific Gravity	1.9
Temperature limit	130 <sup>0</sup> C continuous	Temperature limit	180 <sup>0</sup> C Intermitted

### V. Specification and Approvals

Authorised by the USDA for use in federally inspected meat and poultry plants.

## VI. Performance Characteristics

Full Cure	24 hours
Shore-D Hardness	65-75
Dielectric Strength (ASTM D-149)	300 volts/mil
Working Life	30 minutes
Shrinkage	Less than 1%
Lap Shear Tensile Strength on steel	800-1000 lbs
Chemical Resistance	Ketone, alcohol, halogenated hydrocarbon, esters, aqueous salt solution, diluted acid/basic solution.
Electrical Resistance	30,000 megohms

## VII. Directions

- ❑ For optimum results, prepare surface by cleaning and roughening area to be bonded.
- ❑ Twist or break off required amount of material.
- ❑ Knead with fingers until uniform white in colour.
- ❑ Apply to area to be prepared within 5-10 minutes of mixing.
- ❑ Press into cracks, crevices, and holes to be filled and remove excess material before curing begins.
- ❑ For a smooth finish, rub with wet fingers or a damp cloth before hardening begins.
- ❑ After 45 minutes, CRC Minute Mend can be sawed, drilled, sanded, machined, stained or painted.
- ❑ When using at a temperature below 5<sup>0</sup>C an external heat source is needed to cure product.
- ❑ Do not use on energized equipment.

## 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

### General

Contains epoxy resins and amine which may cause irritation to sensitive skin. Wash hands with soap and water after use. Eye irritant. In case of eye contact, flush with water. Contact physician. May be harmful if swallowed. Keep away from children. For more information regarding short term and long term exposure, review this products MSDS.

**PRODUCT WARRANTY:** CRC offers a conditional warranty on 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 (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.