



CRC Industries NZ, Auckland NZ

I. Product Description

Minute Mend is a versatile epoxy putty packaged in a convenient one piece stick for immediate, permanent repairs. It can be used to reshape, rebuild or permanently repair a variety of surfaces and applications. It is hand-kneadable and mixes in just one minute. Minute Mend is ideal to permanently repair scratches, gouges and holes, to perform routine electrical jobs and to stop leaks. It can be used for plumbing, electrical, ceramic, vehicle and machinery repair.

Once fully cured Minute Mend can be sanded, filed, tapped, sawed, drilled, machined, stained or painted. It also bonds to both wet and dry surfaces.

II. Features & Benefits

- **Convenient** – Easy, no mess and is ready to use in less than one minute
- **Multiple Uses** – Ideal to reshape, rebuild, or permanently repair a variety of surfaces and applications.
- **Cures steel hard.**
- **Will not sag, run or drip**
- **Good adhesive strength**
- **Good gap filling properties**
- **Excellent anchoring properties**
- **Versatile** - Bonds tenaciously to fiberglass, metal, wood, steel, aluminium, concrete, ceramic, plastic and glass.
- **Specially Formulated** - Bonds to both wet and dry surfaces and can be applied under water.
- **After full cure, Minute Mend can be sanded, tapped, sawed, drilled, machined, stained or painted.**
- **Heat resistant to 120°C continuously or 177°C intermittently.**
- **No Fire or Flash Point** - Safe for use in many applications.
- **M.S.D.[L.]™-Material Safety Data Label.** Provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with **OSHA Hazard Communications Standard 29 CFR 1910.1200.**

III. Application and Directions

Preparation:

- For optimum results, prepare surface by cleaning and roughening area to be bonded.

Application:

- Twist or cut 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 20 - 30 minutes the epoxy will harden like metal and form a tenacious bond.
- After 45 minutes, Minute Mend™ can be sawed, drilled, sanded, machined, stained or painted.
- When using at temperatures below 4°C an external heat source is needed to cure product.

Note: Not recommended for sealing or filling joints/cracks subject to movement as the cured product is extremely hard and inflexible. Does not adhere to polyethylene, polypropylene or polytetrafluoroethylene (PTFE) or silicone rubber.



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IV. *Typical Properties and Characteristics*

Typical Properties and Characteristics:

<i>Appearance</i>	Grey/green 2-Part epoxy stick
<i>Working Life</i>	30 minutes
<i>Full Cure</i>	24 hours
<i>Specific Gravity</i>	1.9
<i>Shore D hardness (full cure)</i>	75
<i>Lap shear tensile strength on steel</i>	800-1000 lbs
<i>Temperature limitations</i>	120°C continuous 177°C intermittent
<i>Electrical resistance</i>	30,000 megaohms
<i>ASTM D-149 (Dielectrical Strength)</i>	300 volts/mil
<i>Shrinkage</i>	Less than 1%
<i>Chemical resistance</i>	Ketone, alcohol, halogenated hydrocarbon, esters, aqueous salt solution, dilute acidic/basic solution.

V. *Package Description*

Part Number	Size
14070	114g Tube

VI. *Special Precautions*

General:

Store in a cool, well-ventilated area and indoor temperature must be between 5°C and 30°C. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply. Once the two components have been mixed in the correct ratio and allowed to cure Ados Minute Mend will not leach into or contaminate water ways. The cured epoxy composite is not considered to be an environmental hazard.

First Aid:

Swallowed – Contact doctor or Poisons Centre. DO NOT induce vomiting. Give glass of water.
Skin – Wash with water and soap.

Eyes – Hold open and flush with water for at least 15 minutes. Get medical attention without delay.

Inhalation – Fresh air. Rest, keep warm. If breathing shallow, give oxygen, seek medical attention.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 03/2013

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.