



MINUTE MEND™

MULTI-PURPOSE EPOXY PUTTY

A hand-kneadable, epoxy putty that mixes in just one minute for permanent emergency repairs. MINUTE MEND™ cures steel hard within minutes and bonds tenaciously to fiberglass, metal, wood, concrete, ceramic and glass. It can be applied in wet or damp environments and may even be applied under water. After full cure, MINUTE MEND™ can be drilled, sanded, tapped, machined, stained or painted. As an added convenience, a Safety Data Sheet is printed on the reverse side of this label.



VOC Category: Sealant or Caulking Compound **VOC Limit:** 3%

KEEP AWAY FROM CHILDREN.

Read carefully other cautions on back of label.

Part No. 14070

Net Wt. 4 oz. (114 g)



DIRECTIONS: *Read entire label before using this product.*

- For optimum results, prepare surface by cleaning and roughening area to be bonded.
- Twist or break off required amount of material.
- Knead with gloved fingers until the color becomes uniform.
- Apply to area to be repaired within 5 – 10 minutes of mixing. The mixed epoxy does not exhibit high bond strength at this point, but appears to be merely lying on the surface.
- 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 60 minutes, **Minute Mend™** can be sawed, drilled, sanded, machined, stained or painted.

Warning: May cause an allergic skin reaction.

Precautionary Statements: Avoid breathing vapors. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Store away from incompatible materials. Dispose of contents/container in accordance with local/regional/national regulations.

First Aid: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.



This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. For additional information, consult SDS for this product.

24 HOUR EMERGENCY INFORMATION: CHEM TREC 1-800-424-9300

PHYSICAL PROPERTIES

Working life (minutes).....	20-30
Shore D hardness (full cure).....	70
Shelf Stability (@75°F).....	2 years minimum
Lab shear tensile strength on steel (1" x 1" x 1/16").....	900 lbs.
Temperature limitations.....	250°F continuous 300°F intermittent
Electrical resistance.....	30,000 megaohms
Dielectric strength	300 volts/mil
Shrinkage	less than 1%
Compressive strength	8,000 psi
Non volatile content	100%
Density (g/cm ³ , lb./gal.)	1.9, 15.8
Chemical resistance: Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.	

Health: 1 Flammability: 1 Reactivity: 0 PPE: B



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Warminster, PA 18974
800-521-3168 (Technical Information)
800-272-8963 (Customer Service)
215 442-6260 (SDS)

15A
www.crcindustries.com
Made in U.S.A.

See SDS on back of label

Identification

Minute Mend™ Epoxy Putty

Product code 14070

Manufactured or sold by:

CRC Industries, Inc., 885 Louis Drive, Warminster, PA 18974

Phone: 215-674-4300

Emergency phone number CHEMTREC - 24 HOURS: 800-424-9300

Issue date 1/26/2015

Ver. # 01

Ingredients

Chemical name	CAS number	TWA	%	SARA 313
Talc (not containing asbestos fibers)	14807-96-6	Not applicable	40 – 50	No
Glass, oxide, chemicals	65997-17-3	None	20 – 30	No
Bisphenol A, epichlorohydrin polymer	25068-38-6	None	5 – 10	No
Titanium dioxide	13463-67-7	10 mg/m3	5 – 10	No
3,6- Diazaoctanethylenediamin	112-24-3	6 mg/m3	< 1	No

Hazards

Health: Skin Sensitization (Category 1)

Ingestion Health injuries are not known or expected under normal use.

Inhalation Prolonged inhalation may be harmful.

Skin contact May cause an allergic skin reaction.

Eye contact Direct contact with eyes may cause temporary irritation.

Carcinogenicity Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA due to its form.

Chronic effects Prolonged exposure may cause chronic effects.

Physical: Not Classified

First-aid measures

Inhalation Move into fresh air and keep calm. If breathing is difficult, trained personnel should give oxygen. Do not use mouth-to-mouth method. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. If skin irritation or rash occurs: Get medical attention.

Eye contact Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Advice for doctor Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Personal Protection

Eye/face Wear safety glasses with side shields (or goggles).

Skin Use protective gloves such as rubber. Wear appropriate clothing to prevent skin contact.

Respiratory protection Use respirator if ventilation is inadequate.

Air monitoring is needed to determine actual employee exposure levels.

Safe Handling

General Do not breathe vapor. Do not get in eyes, on skin, or on clothing.

Avoid prolonged exposure. Wear appropriate personal protective equipment.

When using, do not eat, drink or smoke. Wash after handling.

Fire Use fire-extinguishing media appropriate for surrounding materials.

Firefighters must wear self-contained breathing apparatus and full protective clothing.

Spill clean-up Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid discharge into drains, water courses or onto the ground.

Use appropriate containment to avoid environmental contamination.

Storage Store in a cool, dry place (below 120°F/49°C) and out of direct sunlight.

Disposal This material must be disposed of as hazardous waste.

(D001: Flammable liquid)

Transport Not regulated

Properties

Appearance Green and white semi-solid gel. Cures to solid.

Odor Sulfurous.

Melting point/freezing point Not available.

Initial boiling point > 392 °F (> 200 °C)

Flash point > 392 °F (> 200 °C) Setaf flash

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Evaporation rate Not available.

Vapor pressure 560 hPa

Vapor density Not available.

Relative density 1.97

Solubility(ies) Insoluble in water

Auto-ignition temperature Not available.

VOC (Weight %): 0%

Stability Stable

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products Carbon oxides. Nitrogen oxides.

Sulfur oxides. Metal oxides. Halogenated materials