

# UNITE

## TWO-PART EPOXY RESIN STICK



Certified by NSF International to NSF/ANSI Standard 61.

- ★ **REPAIR AUTO TRIM, GAS TANKS, RADIATORS, CARS AND BOATS.**
- ★ **MEND BATHROOM FIXTURES, PLUMBING, TILE, GUTTERS AND DOWNSPOUTS.**
- ★ **FIX VALVES, PATCH HOLES AND FABRICATE MISSING PIECES.**

### WARNING:

Causes skin and eye irritation. May cause an allergic skin reaction.

**UNITE** is a hand-mixable, fast-curing epoxy putty for quick, permanent repairs to glass, metals, wood, concrete, ceramics and numerous plastics. After mixing, it forms an industrial-strength polymer compound for repairs around the home or workshop. After 60 minutes, **UNITE** can be drilled, sawed, sanded, filed, tapped, machined and painted.

**UNITE** is not intended for structural applications.

Impermeable gloves should be worn when handling or mixing **UNITE**. Protective eyewear and dust mask should be worn when sanding cured product.

Before applying, roughen and clean the area to be repaired. Place clean, impermeable gloves on hands before handling or mixing **UNITE**. Then follow these easy steps:

- 1) CUT or twist off required amount with gloved hand.
- 2) MIX by kneading with gloved fingers to a uniform color. If mixing is difficult, warm **UNITE** to room temperature or slightly above.
- 3) APPLY to surface to be repaired within 2 minutes of mixing. For best adhesion, force into any cracks or holes and strike off excess material, preferably with a tool moistened with clean water.

When applying to a damp, wet or slowly leaking area, work the mixed epoxy putty forcefully into the surface and apply pressure until adhesion begins to take effect.

For best results: Use damp, gloved fingers for easier mixing, application and a smooth appearance of the cured compound. Remove excess material before hardening begins.

Curing: **UNITE** has a 3 to 5 minute work life. Functional cure occurs in 60 minutes.

**WARNING:** This product contains a chemical known to the State of California to cause cancer.



### WARNING:

Causes skin and eye irritation. May cause an allergic skin reaction.

### PREVENTION:

Wear protective gloves. Wear eye or face protection. Avoid breathing dust. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

**IF ON SKIN:** Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present.

### NFPA® RATINGS:

Health: 2; Flammability: 1; Reactivity: 0

### INGREDIENTS/CAS #:

bisphenol-A-(epichlorhydrin); epoxy resin (25068-38-6); 2,4,6-tris(dimethylaminomethyl)phenol (90-72-2); crystalline silica non-respirable (14808-60-7)

### STORAGE:

Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.



Please Recycle.

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### PERFORMANCE DATA:

WORK LIFE.....	3 to 5 minutes
SHELF STABILITY AT 75°F (24°C).....	24 months minimum
SHORE D HARDNESS AT FULL CURE (24 hours).....	75
LAP SHEAR TENSILE STRENGTH	
On steel (1" x 1" x 1/16").....	900 lbs (6.2 MPa)
COMPRESSIVE STRENGTH.....	8,000 psi (55 MPa)
DENSITY.....	15.8 lb/gal, 1.9 gm/cm <sup>3</sup>
SHRINKAGE.....	<1
NON-VOLATILE CONTENT.....	100%
ELECTRICAL RESISTANCE.....	30,000 megohms-cm
DIELECTRIC STRENGTH.....	300 volts/ml
TEMPERATURE LIMITS	
Continuous.....	-40° to 250°F (-40° to 121°C)
Intermittent.....	-40° to 300°F (-40° to 149°C)

**CHEMICAL RESISTANCE:** Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

Not intended for structural applications. \*Not to be used for specification purposes.