

# QuikCopper Epoxy Putty

## Reinforced

**QUIKCOPPER** is a hand kneadable, copper reinforced, epoxy putty that mixes in just one minute to provide fast repairs to pipes, tanks, and vessels made of copper, brass, bronze, and other non-ferrous metals. It comes in a handy four-ounce "tootsie-roll" form with the curing agent encapsulated in the contrasting color base material. The putty-like consistency eliminates drips and runs, providing "no mess" applications with no tools required for use. This "Plumber in a Tube" can save homeowners and businesses hundreds of dollars annually on repairs.

### FEATURES & TYPICAL USES:

After proper mixing, **QUIKCOPPER** molds like clay to fill in and surround leaks in the most intricate of openings and breaks in pipes, elbows, joints, sleeves, sink traps, drains, water heaters, water tanks, etc. It is ideal for sealing freeze breaks and pin hole leaks and will seal high pressure hot water lines. **QUIKCOPPER** bonds to damp, wet, and slowly leaking surfaces. It contains no solvents, does not shrink upon curing, and is non-toxic. After finally curing, it can be drilled, filed, tapped, sanded, painted and machined. The unused portion of **QUIKCOPPER** will remain stable for years if stored in its container at room temperature

### SURFACE PREPARATION & APPLICATION:

**Surface Preparation:** In order to achieve optimum adhesion, surfaces should be clean and free of grease and dirt. Scuffing or sanding the surface prior to cleaning helps ensure a good bond. **Mixing:** Twist or cut off required amount. To mix, knead with fingers to a uniform color. If mixing is difficult, warm **QUIKCOPPER** to room temperature or slightly above. Apply to the surface to be repaired (within two minutes of mixing). Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water. When applying to a damp, wet, or slowly leaking area, work the material forcefully into the surface and apply pressure until adhesion begins to take effect. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening begins. After 5-10 minutes the epoxy will begin to form a tenacious bond. After just 60 minutes, **QUIKCOPPER** can be drilled, sawed, carved, sanded, stained, or painted.

### CAUTION:

When mixing by hand, **QUIKCOPPER** does not cause skin irritation to individuals with normal skin sensitivity. Individuals with extra sensitive skin should maintain caution and wash hands thoroughly after mixing the compound, or wear thin plastic gloves. **QUIKCOPPER** has been classified non-toxic and non-skin irritating when tested versus the requirements of the Federal Hazardous Substances Labeling Act.

**WARNING:** 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 out of reach of children. When sanding cured putty or substrate, use protective eye wear and dust mask. Not intended for use in structural applications. Turn off power when doing electrical repairs.

### MANUFACTURED BY:

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### FEATURES:

- NSF Approved
- Copper reinforced.
- Quick set up.
- Easy to use.
- Adheres to many substrates.
- Ideal for copper pipes, elbows, drains, heaters and tanks.
- Paintable.

### AVAILABLE SIZES & COLOUR:

- 7/8" diameter sticks
- 3-1/2" (2 oz.) length.
- 7" (4 oz.) length.
- Packed in a reusable clear plastic tubes
- Bulk packed in quantities of 24 sticks per case.
- **Available Colour:** Simulated copper after cure.

### PATENTS:

- U.S.: 3,708,379; RE 30,843; 3,837,981
- Canada: 993,169
- Japan: 899,724
- W. Germany: 2,322,806
- United Kingdom: 1,452,785



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## EPOXY PUTTY STICK TECHNICAL DATA SHEET

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### SPECIFICATIONS:

Certified by the National Sanitation Foundation (NSF INTERNATIONAL) for use in contact with potable water under Standard 61 –

### TYPICAL PROPERTIES:

These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

Description	Specification
Work Life, minutes:	4 – 7
Shelf Stability @ 23°C (75°F) Months (minimum):	12
Hardness, Shore D (full cure, 24 HR), (ASTM D 2240):	65 – 75
Lap Shear Tensile Strength, ASTM D 1002:	
<i>On Aluminum (1" x 1" x 1/16"), lbs (full cure, 24 hours)</i>	600 – 800
Compressive Strength, lbs/in (ASTM D 695):	12,000
Shrinkage, %, ASTM D 2566:	1
Non-Volatile Content, %:	100
Electrical Resistance, megohms, ASTM D 257:	30,000
Dielectric Strength, volts/mil, ASTM D 149:	300
Temperature Limitations, °F:	
Continuous:	121°C (250°F)
Intermittent:	160°C (320°F)
Chemical Resistance, UL 698:	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases.

### DISCLOSURE

The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS OF SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

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