

# QUIKCOPPER

## PRODUCT NAME

QUIKCOPPER® Copper Reinforced Epoxy Putty

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## PRODUCT DESCRIPTION

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 "tootsieroll" 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.

## BASIC 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.

## COLOR

Simulated copper color after cure.

## PACKAGING

QUIKCOPPER® is packed in a reusable clear plastic tube with a plastic friction top. 12 tubes to a display carton; two display cartons in a master carton.

## APPLICABLE STANDARDS

Certified by the National Sanitation Foundation (NSF INTERNATIONAL) for use in contact with potable water under Standard 61 - Drinking Water System Components - Health Effects. Authorized by USDA for use in federally inspected meat and poultry plants.

## PATENTS

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

## 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.

## TECHNICAL DATA:

Refer to table below for application properties.

APPLICATION PROPERTIES	RESULTS	TEST METHOD
Work Life, minutes	4 - 7	
Shelf Stability @ 75°F, months (minimum)	12	
Hardness, Shore D (full cure, 24 hours)	65 - 75	ASTM D-2240
Lap Shear Tensile Strength on Steel (1"x1"x1/16"), lbs.	600 - 800	ASTM D-1002
Temperature Limitations, °F		
Continous	250	
Intermittent	300	
Chemical Resistance	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases.	
Electrical Resistance, megohms	30,000	ASTM D-257
Dielectric strength, v/mil	300	ASTM D-149
Shrinkage, %	<1	ASTM D-2566
Non-Volatile Content, %	100	
Compressive Strength, lbs./in <sup>2</sup>	12,000	ASTM D-695