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# Magnum Plastic/ Marine Epoxy Putty Technical Data Sheet

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**PRODUCT DESCRIPTION:** A fast-curing, two-part epoxy putty stick that permanently repairs leaks, holes, cracks in metals, fiberglass, concrete, ceramics and wood. Product cures underwater (fresh and saltwater applications). Dries white, does not shrink, is non-yellowing and rustproof.

**WORKS BEST ON:** PVC piping, fiberglass, metals, copper, brass, steel, aluminum, iron, concrete, wood, ceramics, and most any surface. **DO NOT USE ON AREAS THAT WILL COME IN CONTACT WITH FOOD RELATED ITEMS.**

## PRODUCT FEATURES:

Tensile Strength: 1,500 psi  
Color: White/Off-White  
Waterproof  
Working Time: 2-3 minutes  
Set Time: 3-4 Minutes  
Can be Handled In: 15 Minutes  
Full Bond: 24 Hours  
Temperature Range: Dry 200°F; Wet 125°F  
Chemical Solvent Resistance: gas, oil, water. **Epoxies are generally not recommended for long term exposure to chemicals and solvents.**  
Storage: Store in a cool, dry environment.

**SURFACE PREPARATION:** Slightly roughen repair area. Clean surface by solvent-wiping to remove grease, oil, dirt or other contaminants

**REMOVAL METHODS:** (test inconspicuous area of item to be sure chemicals do not harm surface)  
**Remove excess immediately before hardening begins** wipe with acetone or Methyl Ethyl Ketone (MEK).

### After cure:

**Metal/Ceramic/Glass:** File or sand cured material.

**Wood:** Sand the cured material from the wood.

**HELPFUL HINTS: Cut, Mix, Fix:** Simply cut off the amount required for your application, knead until the green dye disappears and product is a uniform color and apply to your repair. Molds to fit any surface. Can be sanded, machined, tapped or drilled and painted when fully cured.

Heat is generated while the epoxy mixture cures; the more epoxy and hardener that is mixed together, the more heat that is generated causing the epoxy mixture to cure faster. Only mix the amount of epoxy and hardener together that can be used within the working time.

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

For a smooth appearance of the cured compound, hand-rub with water or damp cloth prior to hardening.

**WORKING CONDITIONS:** Ideal application temperature is 55°F to 90°F. In cold working conditions, heat repair area to 100-110°F immediately prior to applying epoxy to dry off any moisture, contamination, or solvents, as well as to assist epoxy in achieving maximum adhesion properties.

**See MSDS for more complete information, safe handling instructions and first aid.**

Non-Regulated

Part Numbers: 44221, 44223, 44229, 80345



The technical data contained herein are intended as a reference only