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# LEAKSTOPPER® Magnum Steel Epoxy 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 and ceramics. Use to repair pipes, tanks, radiators and couplings. When cured it can be drilled, filed, sanded and painted.

**WORKS BEST ON:** Metals, copper, brass, steel, aluminum, iron and concrete. Can also be used on PVC piping, fiberglass and wood. **DO NOT USE ON AREAS THAT WILL COME IN CONTACT WITH FOOD RELATED ITEMS.**

**PRODUCT FEATURES:**

- Tensile Strength: 1,000 psi
- Color: Dark Grey
- Water Resistant
- 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, antifreeze mixtures and 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.
- Fabric:** Once epoxy is cured, it is not possible to remove it from the fabric.
- 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 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: 44020, 44021, 44029, 50610



The technical data contained herein are intended as a reference only