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Magnum Multi Putty (Steel, Plastic, Wood) 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, PVC, ceramics and wood. Magnum Putty can be molded to any shape for permanent repairs. Once fully cured, it can be drilled, tapped, sanded and painted.

Magnum Steel (Black Stick): Metal, iron, steel, bronze, aluminum, copper, brass

Use to: Restore stripped bolt holes and threads, rebuild broken parts, fix rust holes

Magnum Wood (Brown Stick): Wooden Items.

Use to: Restore and repair rotten or worn wood; repair wooden furniture/picture frames, doors and door jambs, window frames and etc. Fill gouges, nail and screw holes.

Magnum Plastic (Green Stick): Will not shrink; is rustproof; non-yellowing formula; cures underwater

Use on: Excellent for PVC, metal, wood, plastic **Use to:** Repair PVC piping and patio furniture, downspouts, drywall and concrete.

PRODUCT FEATURES:

	Black Stick	Brown Stick	Green Stick
Working Time:	5 Minutes	10 Minutes	10-15 Minutes
Full Cure:	24 Hours	24 Hours	24 Hours
PSI Strength:	1000 psi	1300 psi	1500 psi
Drying Color:	Gray	Brown	White
Waterproof:	Yes	Yes	Yes
Temperature Range:	60°F - 200°F	60°F - 200°F	60°F - 200°F
Use On:	Metals, Concrete, PVC	Wooden Items	Fiberglass, PVC, Ceramics

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.

DO NOT USE ON AREAS THAT WILL COME IN CONTACT WITH FOOD RELATED ITEMS.

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/Plastic: 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 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: 44003, 80003



The technical data contained herein are intended as a reference only