

Magic Metal

STEEL

STEEL-REINFORCED EPOXY RESIN
Made in U.S.A. Patented formula



- ? Rebuild...small engine parts, seal leaks, fill cracks & voids in metal
- ? Form...nuts and bolts, repair stripped threads & anchor machines.
- ? Repair...metal tools, equipment, ducts, housing & appliances.

Before applying, roughen and clean the area to be repaired.

1. Cut or twist off

required amount.



2. Mix by kneading with

fingers to a uniform color.

If mixing is difficult, warm Magic Metal Copper to room temperature or slightly above.

3. Apply to surface to be repaired (within two minutes of mixing).

For best adhesion force into any cracks or holes and extend the patch at least one-half inch beyond the area being repaired.

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

For Best Results: Use damp fingers for easier mixing, application and a smooth appearance of the cured compound.

*Curing: **Magic Metal Steel** has a 5-7 minute work life. After 5-10 minutes it will harden and form a tenacious bond. After 60 minutes, the system can be out back into service.*

Magic Metal Steel-Reinforced Epoxy Resin

PERFORMANCE DATA*:

Working Life (minutes)	3-5
Shelf Stability (months @ 75° F, minimum)	24
Hardness, Shore D (full cure, 24 hrs.)	75 - 85
Lap Shear Tensile Strength (steel, p.s.i.)	
On Steel (1" x 1/16") lbs.	800 - 1,000
Compressive Strength (p.s.i.)	10 - 14,000
Density (gm/cm ³ , lb./gal.)	2.2, 18.5
Shrinkage (%)	<1
Non-Volatile Content (%)	100
Electrical Resistance (megohms)	30,000
Dielectric Strength (volts/mil)	300
Upper Temperature Limit	
Continuous (°F)	250
Intermittent (°F)	300

Chemical Resistance: Resistance to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

*Not to be used for specification purposes.

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 the reach of children.

When sanding cured putty or substrate, use protective eyewear and dust mask.

Not intended for use in structural applications.

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