

TECHNICAL BULLETIN

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EP-200/ EP-400 EPOXY PUTTY Two-In-One Epoxy Putty Stick

DESCRIPTION:

RectorSeal EP-200 (2 oz.) / EP-400 (4 oz.) epoxy putty is a pre-measured knead able reinforced epoxy putty stick that cures "steel-hard" within 15 to 20 minutes of mixing at room temperature (77 degree F). The epoxy is extremely tough and durable with exceptional adhesion to a wide range of surfaces.

Within an hour, it can be drilled, tapped, sanded, painted, filed or machined. It can be used to bond, seal, plug, mold or rebuild many different surfaces. The epoxy is capable of withstanding temperatures up to 500 degree F and will even harden under water.

CHARACTERISTICS:

- Premeasured resins and hardeners in one tube
- Contains no asbestos
- Easy to use - bonds, seals, plugs, molds, and rebuilds
- No special tools needed
- Can even harden under water
- Pressure tested to 1300 psi
- Can withstand temperatures continuously up to 500 degree F
- Conveniently available in both 2 ozs. (EP-200) and 4 oz. (EP-400) sizes in a neutral gray color
- Permanent repair

APPLICATIONS: (Can be used on Steel, Wood, Aluminum, PVC, Fiberglass, Copper, Ceramics, Bronze, Iron)

RectorSeal EP-200 or EP-400 epoxy putty has a wide variety of uses in:

Plumbing: Pipes (copper, steel, PVC), Joints, Fixtures, Spas, Drains, Dishwashers, Water heaters, etc. A/C Heating: Ductwork, Unit Bodywork, Fans/Blowers, etc. Electrical: Motor Housings, Shafts, Fixtures, etc. Industrial: Machinery, Pumps, Housings, etc. Automotive: Gas Tanks, Engine Blocks, Fans, Mufflers, Oil Pans, Radiators, etc. Marine: Body Repair, Engine Repair, Ladders, Trim, Motors, etc. Farm: Implements, Tools, Machinery, etc. Home: Furniture Repair, Hole Patching, Cabinets, Doors, Wood Repairs, Stripped Threads, Appliances, etc.

INSTRUCTIONS:

1. **Thoroughly clean surface** to be repaired, removing any grit, grease, or paint. For best adhesion, roughen area with emery cloth, sandpaper or file before applying.
2. **Remove wrapper from putty** and cut or break off enough for desired repair. Knead until mixture is one uniform color.
3. **Apply at once.** Shape, smooth and remove any excess putty before it hardens. Use a putty knife or fingers to press putty into any cracks or depressions. Use within 2 or 3 minutes after mixing. At room temperature, putty will begin to harden in 3 to 7 minutes, sets hard in 12 to 20 minutes and can be sanded, drilled, machined or filed in about one hour.
4. **Wash hands** with soap and water immediately after use.

SPECIFICATIONS:

Density	15.9 lb/gal (1.9 g/cc)	Tensile Strength	6000 psi
Color	Gray	Compressive Strength	18.000 psi
Shelf Life	3 years	Modulus of Elasticity	6 x 10 ⁵ psi
Hardness (Shore D)	85	Shear Strength	700 psi
Temperatures Range	500 degree F continuous	Izod Impact	0.3 ft lbs/in of notch
		Dielectric Strength	400 volts/ mil @ 0.125 in
		Volume Resistivity	5 x 10 ⁵ ohm-cm

WARNING: Contains epoxy and mercaptan resins. Can cause skin and eye irritation. Keep out of reach of children. DO NOT SWALLOW. MSDS available on request which provides further information on effects of overexposure to product.