POR-15® EPOXY PUTTY

POR-15® Filler and Repair

Product Description

"Unbelievable!" That's what restorers say when they see a demonstration of this incredible epoxy putty product. It's so strong you can drill and tap it, yet gentle so you can apply it with your bare fingers. And since it's WATER-BASED, you can simply wet your fingers, and work it until it's almost perfectly smooth before it dries---eliminating most sanding! It cures ROCK-HARD, making it perfect for repairing steel, plastics, concrete, etc. Put some EPOXY PUTTY in your tool box today. You'll use it all over your shop and home.

- Cut what you need...no measuring, no weighing.
- Good "feel"...mixes easily, smooth into place with your wet fingertips.
- Adheres to damp surfaces...even cures under water.
- It cures chemically, doesn't shrink.
- No odor, cleans up with water before hardening.

Advantages

Our Epoxy Putty bonds, seals, fills, anchors, caulks and waterproofs

- No measuring or weighing!
- Stays in place, doesn't slump or sag.
- Malleable consistency, fill in anywhere.
- Can be sanded, drilled, machined, sawed & painted.
- Smooth and Feather with wet fingertips.
- Long Pot Life.
- Cures in Water!
- Mixes like clay...hardens like steel!
- Excellent Insulator.
- Can be sanded, drilled, machined, or painted.
- Easy to mix with no measuring and weighing.

Typical Applications

Excellent insulator Use to modify racing engines... heads, headers, manifolds.
Fixes leaky gas tanks without draining.

The following is a small sample of how people are using our products:

- Use on metal, wood, brick, stone, concrete, plastic, glass, tile, and fiberglass
- Plumbing Fixtures
- Basement Walls
- Swimming Pools
- Steering Wheels
- Plastic parts/knobs
- Fill rust pits, holes
- Repair woodwork
- Doors, hinges, latches
- Repair tool handles
- Patch concrete

Directions For Use

1. Wash hands thoroughly with soap & water before beginning.
2. Lay bars (A&B) side-by-side and make a common cut through both bars. Tear, roll, fold, and knead the halves together vigorously until thoroughly mixed with uniform color.
3. Mix at least 2 minutes for a walnut-sized piece; mix at least 15 minutes for the whole pound.
4. The warmer the temperature, the faster the putty will cure. At 75°F, cure time is 1 hour.
5. Re-wrap remnant putty with tin foil, plastic wrap, or plastic bag supplied in box.
6. Use water on fingertips to smooth & feather putty into shape.
7. When job is finished, wash hands thoroughly with soap and water, especially before eating or smoking.

Physical Properties

Form	Putty
Boiling Point	N/A
VOC	< 1%
Solubility in Water	Insoluble
Specific Gravity (H30 = 1)	1.57
Molecular Weight Heavy elements (ppm)	0
Percent Volatile by volume	< 1%
Vapor Density	Non volatile
Appearance	Blue / White
pH Value	N/A
Evaporation Rate	Non volatile
Odor	Amine
Vapor Pressure (mm Hg)	N/A
Cure Time (75°F)	60 mins

Performance Properties

Compressive Strength (ASTM D-695)	12,000 psi / 82,737 kpu
Tensile Strength (ASTM D-638)	4,000 psi / 27,579 kpu
Electrical Insulation (ASTM-D-149)	300 volts / mil
Bond Strength Metal (ASTM-D-1002)	375 psi / 2,585 kpu after 24 hours

Summary

POR-15® Epoxy Putty is so strong it can be drilled and machined, yet gentle enough that it can be applied with bare fingers. It has excellent adhesion to concrete and metal and its tensile and compressive strength ensure performance in demanding industrial and marine settings.

POR-15® Epoxy Putty is packed in easy-to-use one pound bars.

POR-15/PU