



Argosy International Inc.

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www.argosychemical.com

POXPLUG™ EPOXY PUTTY

Poxplug™ is an epoxy putty used to plug or seal leaks, holes, cracks and dents in metal, wood, glass, ceramics and many types of plastic. Activated by kneading, Poxplug™ cures in 5-10 minutes and hardens like steel in 20 minutes. It forms an unyielding bond, even underwater, and performs under 300° F continuous and 450° F intermittent operating temperatures. One hour after cure, Poxplug™ can be drilled, tapped, filed or sanded.

PHYSICAL PROPERTIES @ 22°C

Color		Black and gray
Pot Life 100 gram mass Room Temp. (72°F)		
Viscosity	Part "A" Part "B"	Dough Dough
Density	Part "A" Part "B"	13.96 wpg 12.57 wpg
Specific Gravity	Part "A" Part "B"	1.68 1.51
Mix Ratio		Mix 100 parts "A" with 100 parts "B" by weight Mix 1 part "A" with 1 part "B" by volume

MECHANICAL STRENGTHS

Izod Impact	.3 ft. lbs/in
Shear Strength	700 psi
Tensile Strength	7,000 psi
Compressive Strength	19,000 psi
Application Temperature	50°F to 140° F
Service Temperature	-40° F to 300° F
Shore "D" Hardness ASTM D2240	84



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APPLICATIONS

- Adheres to most surfaces. Best results will be achieved by abrading work area to clean and prepare surface. Starts to harden 5 minutes after mixing. Repair should be in place before hardening starts.
- A smooth finish can be obtained by rubbing with wet finger or damp cloth before hardening begins.
- Can be drilled, filled, tapped, sanded and machined after one hour of curing.
- Can be painted immediately, even before full hardening.
- Can be used under water. Mix as usual and use the polyethylene wrapper to avoid contact with your hands.
- Not recommended for use on polyethylene and polypropylene.
- Wash hands thoroughly with soap and water after using.

USES

Plumbing Repairs – sink traps, oil and water tanks, pipe joints, drain leaks, etc. Safe for lines carrying potable water.

Electrical – use in place of tape, ceramic connectors, knobs, etc. Use as insulating material or as replacement for damaged parts.

Ceramic Repair – cracked porcelain wall tiles, floor tiles, sinks, toilets, etc.

Auto Repair – metal strips, small dents, etc.

Custom Formed Gaskets – for permanent sealing and bonding.

Home Repair – picture hanging, light fixture installation, loose rugs, furniture legs, air duct leaks, etc.

APPLICATION PROCEDURE

1. Break off required amount of material.
2. Twist and knead until uniform color is achieved - no streaks.
3. Apply at once to surface. Work life is approximately 5 Minutes. Remove excess material before it hardens.

SHELF LIFE

1 year