



**POLYMERIC  
SYSTEMS, INC.**

*We solve your adhesive and sealant problems  
quickly and cost effectively*

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FastSteel®



**FastSteel Epoxy Putty Stick** is a hand-kneadable, fast-setting, industrial-strength, steel-reinforced polymer compound for permanent repairs to anything made of steel or other metals. This metal repair epoxy putty comes in a handy "Tootsie-roll"™ form with the curing agent encapsulated in the contrasting color base material.

Technical data

Buy it here

#### How to use:

Before applying, roughen and clean area to be repaired. Then follow these easy steps.



1. Cut off required amount.




2. Mix to uniform color.



3. Apply to repair surface within 2 minutes.

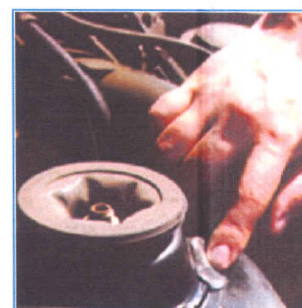
FastSteel has a 3 to 5 minute worklife. Functional cure occurs in 60 minutes. Cured color is steel grey. FastSteel is not intended for structural applications.

#### Benefits:

- Will not shrink or rust.
- Putty-like consistency eliminates drips and runs for a "no mess" application.
- No tools required for use.
- One hour after application can be drilled, sawed, sanded, filed, tapped, machined, and painted.
-  Certified to Standard 61 by The National Sanitation Foundation for use in contact with drinking water.

#### Typical applications:

- Rebuild small engine parts.
- Fill cracks and voids in metals.
- Rebuild rust damage.
- Fill dents in motorcycle and auto bodies.
- Repair stripped threads.
- Anchor machines.
- Fashion handles.



Rebuild small engine parts.

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 manufacturer of the largest, most complete line of fluoropolymer coatings in the world.  
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[Website Disclaimer](#)

Repair and rebuild anything made of steel

# FastSteel®

STEEL-REINFORCED EPOXY PUTTY STICK

## Rebuild...

- Stripped threads
- Small machine parts
- Rust-damaged metal

## Form...

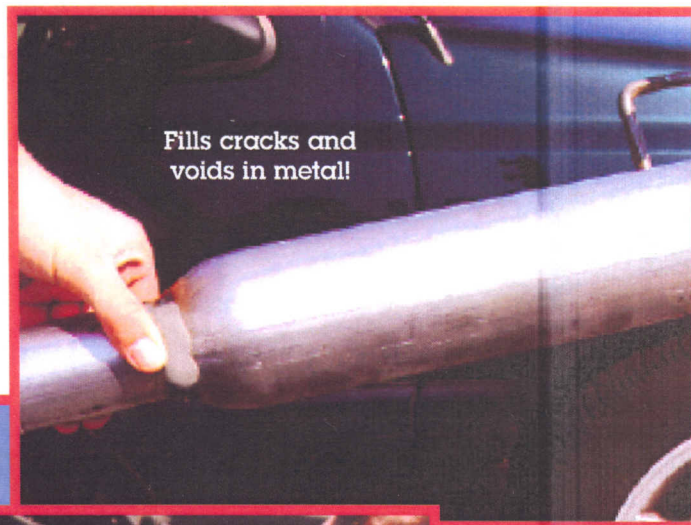
- Custom tools, handles
- Prototype parts
- Anchor machines

## Repair...

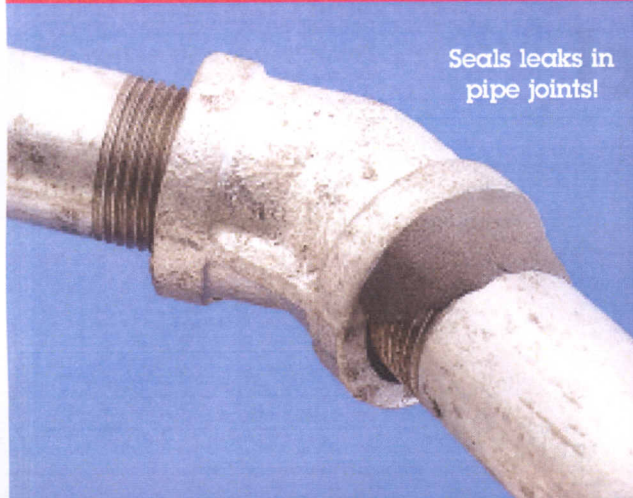
- Leaking pipes
- Ductwork
- Cracks and voids in metal



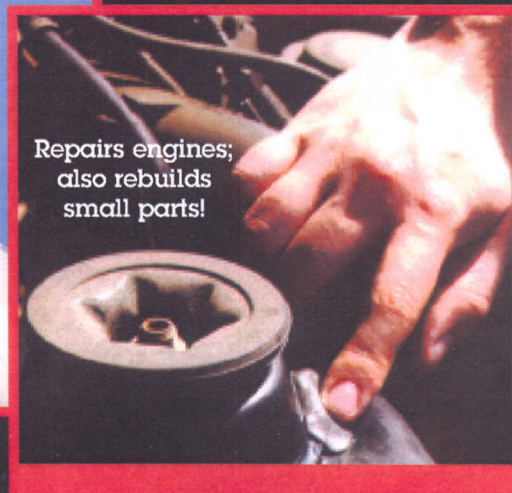
- The ultimate solution for small or emergency repairs
- Easy-to-use and mistake-proof
- Bonds instantly with superior strength
- Saves hundreds of dollars in repairs
- Belongs in every toolbox



Fills cracks and voids in metal!



Seals leaks in pipe joints!



Repairs engines; also rebuilds small parts!

Made in U.S.A.

**PSI** POLYMERIC SYSTEMS, INC.

3

MINUTE  
WORK  
LIFE

# FastSteel Steel-Reinforced Epoxy Putty Stick

## Product Description

FastSteel is a hand-mixable, non-rusting, steel-reinforced epoxy putty that quickly repairs or rebuilds anything made of steel. After mixing, it forms an industrial-strength polymer compound that can be molded into shapes or used to build up, patch and repair steel components. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. The consistency (like modeling clay) eliminates drips and runs and facilitates adhesion to the substrate. After 60 minutes the application can be drilled, tapped, ground, machined, filed, and painted. FastSteel cures to a dark gray metallic color. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. FastSteel contains no VOCs or solvents. It's non-flammable and releases no noxious fumes. It won't shrink or pull away. The unused portion stays fresh for future use when saved in its original package.

## Performance Data\*

<b>SHELF LIFE AT 75°F (24°C), minimum</b>	<b>24 months</b>
<b>SHORE D HARDNESS AT FULL CURE (24 hrs)</b>	<b>80</b>
<b>LAP SHEAR TENSILE STRENGTH</b>	
On steel (1" x 1" x 1/16")	<b>900 lbs (6.2 MPa)</b>
<b>COMPRESSIVE STRENGTH</b>	<b>8,000 psi (55 MPa)</b>
<b>DENSITY</b>	<b>18.5 lb/gal, 2.2 gm/cm<sup>3</sup></b>
<b>SHRINKAGE</b>	<b>&lt;1%</b>
<b>NON-VOLATILE CONTENT</b>	<b>100%</b>
<b>ELECTRICAL RESISTANCE</b>	<b>30,000 megohms</b>
<b>DIELECTRIC STRENGTH</b>	<b>300 volts/mil</b>
<b>UPPER TEMPERATURE LIMITS</b>	
Continuous	<b>250°F (121°C)</b>
Intermittent	<b>300°F (149°C)</b>

## CHEMICAL RESISTANCE

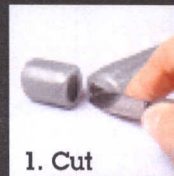
Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

## NOT INTENDED FOR STRUCTURAL APPLICATIONS

\*Not to be used for specification purposes.

## How To Use

Before applying, roughen and clean the area to be repaired. Then follow these easy steps.



1. Cut



2. Mix



3. Apply

Mixed Color  
**STEEL GREY**

- Cut** or twist off required amount.
- Mix** by kneading with fingers to a uniform color. If mixing is difficult, warm FastSteel to room temperature or slightly above.
- Apply** to surface to be repaired within 2 minutes of mixing. Force into any cracks or holes and strike off excess material, preferably with a tool moistened with clean water.

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


**For best results:** Use damp fingers for easier mixing, application, and smooth appearance of the cured compound. Remove excess material before hardening begins.

**Curing:** FastSteel has a 3- to 5-minute work life. Functional cure occurs in 60 minutes.

**WARNING**

- Contains Epoxy Resin and Tri(dimethylaminomethyl)phenol. Exposure may cause allergic reactions.
- May be harmful if swallowed. Get prompt medical attention if ingested.
- Eye irritant. If eye contact occurs, rinse with tap water for 5 to 10 minutes. If irritation persists, seek medical care.
- Skin irritant. Wash hands thoroughly with soap and water after use. If skin irritation occurs, seek medical attention.
- KEEP OUT OF REACH OF CHILDREN.

## Applicable Standards

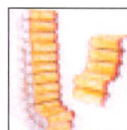
 Certified by NSF International to NSF/ANSI Standard 61 for drinking water contact.

## Availability

FastSteel is one in a family of Specialty Epoxy Putties originated and manufactured by Polymeric Systems, Inc. Also look for RepairitQuik®, QuikAluminum®, QuikTitanium®, QuikCopper®, AquaMend®, InstaCrete®, QuikPlastik® and QuikWood®. These Polymeric Epoxy Putties give you the ability to fix just about anything.

## Packaging Options

FastSteel is available in 3.5" (2 oz) and 7" (4 oz) lengths. Individually packaged in a reusable clear plastic tube with trilingual (English, Spanish, French) instructions and plastic friction top. Display carton holds 12 or 24 - 3.5" sticks or 12 - 7" sticks per display (packed 2 display cartons per master carton), or bulk-packed 24 sticks per shipper carton. Display cartons are also sold separately for refillable, point-of-purchase display. 3.5" sticks are also available in blister packs (12 per carton); printer minimum applies. Contact Sales for acrylic display rack supplier information.

Blister  
PacksPop-Up Cardboard  
Display CartonAcrylic  
Display Racks

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