



FixitFast™ Epoxy Putty Tape

Product description

FixitFast is a hand-mixable, fast-curing epoxy adhesive-sealant in two-part, concentric tape form that enables strong, permanent repairs to metals, wood, glass, concrete, ceramics and numerous plastics. Any length contains the proper ratio of base to curing agent. When kneaded together to a uniform color, mixing is complete. FixitFast has a 5-minute work life and sets hard in 10 minutes, forming an industrial-strength polymer compound for repairs around the house or workshop.

Basic uses

FixitFast is useful for temporarily plugging active leaks in drums, oil and water tanks. In the workshop use FixitFast to restore torn sheet metal, mold missing parts, fill rough-weld seams prior to painting, form drilling jigs for odd-shaped work pieces and to attach machine tags.

Around the house repair outside railings and door molding, seal leaks in PVC and ABS pipe, form insulated handles for barbecue tools, plug seams and mend holes in ductwork, aluminum gutters, leaky buckets and lawn mower frames.

FixitFast cures underwater. Use it to seal rowboat seams and make emergency repairs to boat decks and hulls.

Benefits

- No measuring or mixing tools needed.
- No mess to clean up.
- Solvent-resistant.
- No shrinkage.
- Solvent- and VOC-free.
- Withstands temperature extremes.

Performance Data*

Properties	Results	Test Method
Uncured Properties		
Consistency	Putty	
Non-volatile content	100%	
Density	1.82 gm/cm ³ 15.17 lb/gal	
Work life at 75°F (24°C)	3 to 5 minutes	
Green strength vertical shear, 1" x 1" x 1/16"	1.25 psi	
Cure time to Shore A Hardness 30	15 minutes	
Cure time to Ultimate Hardness	2 to 3 hours	
Cured Mechanical Properties		
Hardness, Shore D	70	ASTM D2240
Tensile strength	2,000 psi	ASTM D612
Lap shear tensile strength	500 psi	ASTM D1002
Shrinkage	<1%	ASTM D2566
Upper temperature limits		
Continuous	250°F (121°C)	
Intermittent	300°F (149°C)	
Chemical resistance	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases	
Cured Electrical Properties		
Electrical resistance	30,000 megohms	ASTM D257
Volume resistivity	10 ¹² ohm-cm	ASTM D257
Dielectric strength	300 volts/mil	ASTM D149
Arc resistance	50 seconds	ASTM D495

* Typical properties are for information only, not for purposes of specification.

Application limitations

- Does not adhere to polyethylene, polypropylene or PTFE.
- Not for structural applications.

Color

Base color is White; curing agent is Black; cured color is Grey.

Packaging

Available as a 1" x 36" length (3.5 oz./100 gm.) packed as a roll in a plastic box, 24 boxes per case.

Application

Surface preparation: To achieve optimum adhesion, surfaces should be cleaned free of grease or dirt. Scuffing or sanding the surface prior to cleaning helps ensure a good bond.

Mixing: Use of rubber or plastic gloves is recommended when mixing and applying FixitFast. Twist or cut off required amount, then mix by kneading, twisting and folding with gloved fingers to a uniform color. If mixing is difficult, warm FixitFast to room temperature or slightly above.

Apply to the surface to be repaired within 2 minutes of mixing. Force into any cracks or holes to be filled. Shape repair and strike off excess material before hardening begins, preferably with a tool moistened with clean water. For smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening.

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

After 20 to 30 minutes FixitFast will begin to form a tenacious bond. After 1 hour the repair can be painted, filed, sanded, sawed, drilled and tapped.

Shelf life: One year from date of shipment when stored in unopened container at 68°F (20°C).

Health precautions

- Contains epoxy and amine resins that may cause skin irritation. Use of thin plastic or rubber gloves is recommended. Wash hands with soap and water after use.
- May be harmful if swallowed. If swallowed, do not induce vomiting; call a physician.
- Eye irritant. In case of contact, flush with water and contact physician.
- Keep out of reach of children.
- When sanding cured putty and substrate, use protective eye wear and dust mask.
- Turn off power when doing electrical repairs.

For additional health and safety information, consult a Material Safety Data Sheet.

Availability and cost

Polymeric Systems, Inc., is a part of Whitford Worldwide. For more information, please contact Polymeric Systems or Whitford Plastics Ltd. at:

Polymeric Systems, Inc.
47 Park Avenue
Elverson, PA, USA 19520
888-EPOXY FIX (888-376-9934)
Tel: [1] 610-286-2500
Email: sales@polymericsystems.com
Website: polymericsystems.com

In the EU contact:

Whitford Plastics Ltd.
10, Christleton Court, Manor Park
Runcorn, Cheshire, UK WA7 1ST
Tel: [44] (1928) 571000
Email: sales@whitfordww.co.uk
Website: whitfordww.com

NON-WARRANTY: ALL RECOMMENDATIONS, STATEMENTS AND TECHNICAL DATA CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE AND CORRECT, BUT ACCURACY AND COMPLETENESS OF SAID TESTS ARE NOT GUARANTEED AND ARE NOT TO BE CONSTRUED AS A WARRANTY, EITHER EXPRESS OR IMPLIED. USER SHALL RELY ON HIS OWN INFORMATION AND TESTS TO DETERMINE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY RESULTING FROM THIS USE OF THE PRODUCT. MANUFACTURER'S SOLE RESPONSIBILITY SHALL BE TO REPLACE THAT PORTION OF THE PRODUCT OF THE MANUFACTURER THAT PROVES TO BE DEFECTIVE. MANUFACTURER SHALL NOT BE LIABLE TO THE BUYER OR ANY THIRD PARTY FOR INJURY, LOSS OR DAMAGE DIRECTLY OR INDIRECTLY RESULTING FROM USE OF, OR INABILITY TO USE, THE PRODUCT. RECOMMENDATIONS OR STATEMENTS OTHER THAN THOSE CONTAINED IN A WRITTEN AGREEMENT SIGNED BY AN OFFICER OF THE MANUFACTURER SHALL NOT BE BINDING UPON THE MANUFACTURER.

Form No. 4003-EM07