



ULTRATECH
INTERNATIONAL, INC.

ULTRA-REPAIR PUTTY®

HARDENS LIKE STEEL IN 20 MINUTES

Ultra-Repair Putty plugs or seals practically anything that leaks. It patches holes and cracks, mends almost anything that is broken. It is excellent for rebuilding or fabricating parts and as an all purpose adhesive for metals, wood, glass, masonry, ceramics and many plastics. It can also be drilled, tapped, filed, sanded an painted like metal. Sets steel hard in 20 minutes.

MIXING DIRECTIONS

1. Break or cut off desired amount.
2. Twist and knead until uniform color is achieved - no streaks.
3. Apply AT ONCE to surface (2-minute work life).
4. Remove excess before it hardens.

INFINITE USES

PLUMBING REPAIRS:

Sink traps, oil and water tanks, pipe joints, drain leaks, etc.

ELECTRICAL:

Use in place of tape, ceramic connectors, knobs, etc.

AUTO REPAIR:

Metal strips, small dent repairing, fuel tank, radiators, etc.

UNDERWATER REPAIR:

Concrete swimming pools, tanks, etc.

CUSTOM FORMED GASKETS:

For permanent sealing and bonding.

PART# 2120
CASE OF 12

HINTS FOR USES

- Ultra-Repair Putty adheres to most surfaces. Best results will be achieved if area is first roughened by sanding or filing to clean and prepare surface.
- Starts to harden 2 minutes after mixing. Repair should be in place before hardening starts.
- For best results use damp, gloved fingers for easier mixing, application and a smooth appearance.
- Ultra-Repair Putty can be drilled, filed, tapped, sanded and machined after one hour of curing (hardening).
- Can be painted immediately, even before full hardening.
- Ultra-Repair Putty can be used under water. Mix as usual and use the polyethylene wrapper so material will not stick to hands as the Ultra-Repair Putty is being forced onto the wet surface.
- When applying to a damp, wet or slowly leaking area, work the mixed epoxy putty forcefully into the surface and apply pressure until adhesion begins to take effect.
- Not recommended for use on polyethylene or polypropylene.
- Not intended for structural applications.
- Wash hands thoroughly with soap and water after using.

STORAGE:

Best conditions are at room temperature, however freezing, humidity, and high temperature will not affect performance of unused putty. If frozen, warm for a few minutes first for easier mixing.

SHelf LIFE: Tests have shown this product lasts several years when stored in its original sealed tube.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Made in U.S.A.

PERFORMANCE DATA	
WORK LIFE	3 to 5 minutes
SHELF STABILITY AT 75°F (24°C)	24 months minimum
SHORE D HARDNESS AT FULL CURE (24 hours)	75
LAP SHEAR TENSILE STRENGTH	
On steel (1" x 1" x 1/16")	900 lbs. (6.2 MPa)
COMPRESSIVE STRENGTH	8,000 psi (55 MPa)
DENSITY	15.8 lb/gal (1.9 gm/cm ³)
SHRINKAGE	<1%
NON-VOLATILE CONTENT	100%
ELECTRICAL RESISTANCE	30,000 meg ohms-cm
DIELECTRIC STRENGTH	300 volts/mil
TEMPERATURE LIMITS	
Continuous	-40°F to 250°F (-40° to 121°C)
Intermittent	-40°F to 300°F (-40° to 149°C)

CHEMICAL RESISTANCE: Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases. *Not to be used for specification purposes.

WARNING! Contains Epoxy Resin and Tri (dimethylaminomethyl) phenol. Epoxies are skin and eye irritants/sensitizers. Direct product contact may cause an allergic reaction in some users. Inhalation of dust may be harmful. Ingestion of product may be harmful.

PRECAUTIONS: Avoid skin/eye contact. Wear impermeable gloves when mixing or handling uncured product. Avoid inhalation of dust. Wear dust mask and protective gloves when sanding cured product. Avoid ingestion. See Safety Data Sheet for complete GHS hazard communication.

KEEP OUT OF REACH OF CHILDREN.

FIRST AID Skin contact - Remove all materials from skin and wash with soap and water. In case of allergic reaction, seek immediate medical attention. Eye contact - Flush eyes with water for 15 minutes; see physician if irritation persists. Inhalation - Remove person from exposure; treat symptomatically. Ingestion - Seek medical attention. For further health information contact CHEMTREC at 1-800-424-9300 (24 hours).