



# Epoxy Putty Stick

## PRODUCT DESCRIPTION:

Weld-On® Epoxy Putty Stick is a kneadable, fast curing general purpose epoxy putty:

- Mixes in one minute to provide permanent repairs.
- Hardens in 20 minutes and cures in 1 hour.
- One hour after mixing, Weld-On® Epoxy Putty Stick can be drilled, sawed, sanded, filed, tapped, machined or painted.
- It comes in a handy "tootsie roll" form with the curing agent encapsulated in the contrasting color base material.
- Its remodeling clay-like consistency eliminated drips and runs, provides "no mess" application with no tools required for use.
- Lead-free, non-toxic, safe for potable water line.
- Color: Tan after cure.

## APPLICATION:

Weld-On® Epoxy Putty Stick can be used in a multitude of household and industrial repair applications:

- Can be used on many surfaces including metals, wood, glass, concrete ceramics and numerous plastics except polyethylene or polypropylene.
- Examples of applications for use include repairing wall tile, floor tile, cove moldings; electrical use in place of tape, ceramic or plastic connectors, knobs or wire nuts; auto repairs including permanent bonding of trim, small dent repairs, fuel tanks, oil pan, small part repairs, filling rust holes, tread locking; seals leaks in gutters and downspouts; mend toys, appliances, lawn mowers, sports equipment, etc.; repairs air conditioning coils, ducts; patching chipped concrete floors, bricks, blocks, attaching fixtures, machine tags, signs, anchoring bolts, screws, rods, machines, housings, etc.
- Excellent for underwater repairs.
- In order to achieve optimum adhesion, surfaces should be cleaned free of grease or dirt. Scuffing or sanding the surface prior to cleaning helps insure good bond. Degreasers such as 1, 1, 1 - trichloroethane, methylene chloride, etc., are effective and non-flammable.

## DIRECTION:

1. Twist or cut off required amount.
2. To mix, knead with fingers to a uniform color. If mixing is difficult, warm Weld-On® Epoxy Putty Stick to room temperature or slightly above.
3. Apply to the surface to be repaired (within 2 minutes of mixing). The mixed epoxy does not exhibit high bond strength at this point, but appears to be merely lying on the surface.
4. Force epoxy putty into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water.
5. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening.
6. Remove excess material before hardening begins.
7. After 5-10 minutes the epoxy will harden and start to form a tenacious bond.
8. After 60 minutes, Weld-On® Epoxy Putty Stick can be drilled, sawed, filed, tapped, machined or painted.



**IPS**  
CORPORATION

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**AVAILABILITY:**

Weld-On® Epoxy Putty Stick is available in a 4 oz. stick (#84055)

**HEALTH PRECAUTIONS:**

When mixing by hand, Weld-On® Epoxy Putty Stick does not cause skin irritation to individuals with normal skin sensitivity. Individuals with extra-sensitive skin should maintain caution and wash hands thoroughly after mixing the compound, or wear thin plastic gloves. Weld-On® Epoxy Putty Stick has been proven to be non-toxic and non-skin irritating to experimental animals when tested in accordance with accepted test methods of Federal Hazardous Substances Labeling Act.

**WARNING:**

1. Contains epoxy resins and amine which may cause irritation to sensitive skin. Wash hands with soap and water after use.
2. Eye irritant. In case of eye contact, flush with water. Contact physician.
3. May be harmful if swallowed.
4. KEEP OUT OF REACH OF CHILDREN

**TECHNICAL DATA:**

APPLICATION PROPERTIES	RESULTS
Working Life	4-7 Minutes
Shelf Stability	12 Months Minimum @ 75° F
Shored Hardness (Shore D)(Full Cure, 24 Hours)	80
Lap Shear Tensile Strength On Steel (1" x 1" x 1/16" lbs.)	900
Temperature Limitations	250° F Continuous, 300° F Intermittent
Chemical Resistance	Resistant To Hydrocarbons, Ketones, Alcohol, Esters
Electrical Resistance	30,000 Megohms
Dielectric Strength	300 Volts/Mil
Shrinkage	Less Than 1%
Non-volatile l content	100%
Compressive strength	12,000 PSI



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