

Product Description

Plastic Putty is a hand-mixable, fast-setting epoxy putty that forms a durable bond to most major plastic types*. After mixing it forms a polymer compound that can be molded, wrapped around, or used to build up and repair just about anything made from rigid or semi-flexible plastic. After 2 to 3 hours it can be sawed, drilled, carved, sanded, and painted.

Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. The consistency (like modelling clay) eliminates drips and runs, molds easily, and facilitates adhesion to the substrate. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes.

Plastic Putty cures to an Off-White color. It contains no solvents or VOCs, is 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.

** Does not adhere to polyethylene, polypropylene or some other plastics. Test for adhesion first.*

Repair...

Automotive trim.
Appliance parts.
PVC furniture.
Vinyl siding.
Plastic downspouts and gutters.

Rebuild...

Rigid and semi-flexible plastics.

Seal...

Leaks in PVC and ABS plastic plumbing pipes.

Performance Data*

SHELF STABILITY AT 24°C, minimum	24 months
SHORE D HARDNESS AT FULL CURE (24hrs)	65
LAP SHEAR TENSILE STRENGTH	
On PVC (1" x 1" x 1/16")	2.5 MPa
COMPRESSIVE STRENGTH	55 MPa
DENSITY	1.6 gm/cm ³
SHRINKAGE	<1%
NON-VOLATILE CONTENT	100%
ELECTRICAL RESISTANCE	30,000 megohms
DIELECTRIC STRENGTH	300 volts/mil
UPPER TEMPERATURE LIMITS	
Continuous	-40° to 120°C
Intermittent	-40° to 150°C
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. Wear impervious gloves when mixing or handling uncured Plastic Putty. Then follow these easy steps.

1. **Cut** or twist off required amount.
2. **Mix** by kneading with fingers to a uniform colour. If mixing is difficult, warm Plastic Putty to room temperature or slightly above.
3. **Apply** to surface to be repaired within 10 minutes of mixing. Force into any cracks or holes and extend the patch at least 1 inch beyond the area being repaired.

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 a smooth appearance of the cured compound. Remove excess material before hardening begins.

Curing: Plastic Putty has a work life of approximately 20-25 minutes. Functional cure occurs in 2 to 3 hours.

Health & Safety

Contains Epoxy Resin and Tri (dimethylaminomethyl) phenol. Skin and eye irritant/sensitizer. Direct product contact may cause allergic reaction in some individuals. Wear impervious gloves when mixing or handling uncured product. Avoid contact with eyes. • Inhalation of dust may be harmful; wear dust mask and protective eyewear when sanding cured product. • Ingestion of product may be harmful. • KEEP OUT OF REACH OF CHILDREN. • See product insert or SDS for additional information.

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PAGE 2 OF 2

