



Technical Data Sheet



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Loctite Repair Putty 5 Minute

CHARACTERISTICS

- Epoxy Putty
- Two component, co-extruded with 1:1 mix ratio
- Solvent-free
- Cured material can be machined (sanded, drilled) and painted

APPLICATION FIELD

Filling, repairing and bonding most materials such as metals, woods, ceramic, stone, most plastics*
(except PP, PE, Teflon® and equivalent)

INSTRUCTIONS FOR USE

Surface Preparation

Surfaces to be bonded must be dry and dust and oil free. For best results surfaces should be roughened prior to bonding.

Application

1. Remove the plastic foil and knead the 2 parts together until a homogenous colour is achieved (approximately 1 minute).
2. Filling or re-building – apply the putty to the crack or hole and shape/smooth with hands.
3. Bonding – apply the putty to one substrate and complete the bond. Within 3 minutes of achieving a homogeneous mix, the putty will begin to harden.





TECHNICAL DATA

Composition	Epoxy Resin & hardener system in putty format
Density (Part A, B)	2g/ml, 2g/ml
Heat resistance	-30°C to 120°C (Max 70°C for load bearing bonds)
Open time	3 minutes
Colour	White & Beige (white on curing)
Cure time	15 minutes to handling & mechanising strength. Full strength after 24 hours
Final strength (EN 1465, RTC)	Up to 6 N/mm ² (substrate dependent)
Shelf Life (@20°C)	2 years, unopened, from date of production

LIMITATIONS

*Not suitable for use on waxy or soft plastics, e.g. PP, PE, Teflon® (PFTE), vinyl.

Cleaning tools

Once hardened the resin can be removed mechanically (sanding, scraping etc..). Uncured material can be removed with ethanol or other alcohol solvent cleaner.

Storage

Product should be stored at room temperature (10°C – 30°C). For maximum shelf-life, please store at lower end of temperature range.

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available on request.

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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