Technical Data Sheet

Technical Data Sheet
Ref: LO17000TDS
Issued: 14.03.2025
Number of pages: 2

Loctite Super Glue Original

Loctite Super Glue is designed for home use and forms strong bonds between a wide range of porous and non-porous materials.

CHARACTERISTICS
LOCTITE® Super Glue is a one-part instant liquid adhesive. It is designed for home use and forms strong bonds between a wide range of common materials. It is the ideal adhesive for bonding materials such as plastics*, rubbers, metals, woods, ceramics, leather, fabrics, cardboard and paper**.**

Bonding Speed: Initial adhesion in 5 to 30 seconds, depending on the substrate.

Bond Strengths (ISO 4587): 10 to 20 N/mm^2 (tensile shear) in 12 to 24 hours, depending on the substrate. It is water-resistant to EN204-D3 standard and ceramic bonds can withstand >100 dishwasher cycles (under controlled laboratory conditions).

Triple-Resistance:

- **Temperature**: withstands low temperatures down to -50°C and short-term exposure up to +120°C.
- **Water**: it is water-resistant to EN204-D3 standard and ceramic bonds can withstand >100 dishwasher cycles (under controlled laboratory conditions).
- **Shock**: Aluminium bonds withstand over 50 x 1-metre drops onto a concrete surface.

INSTRUCTIONS FOR USE

1. Ensure all surfaces to be bonded are clean and close-fitting.
2. Avoid skin contact with the glue.
3. Lightly dampen porous substrates.
4. Apply a minimum quantity of LOCTITE® Super Glue to one of the surfaces to be bonded.
5. Bring parts together immediately and hold by hand pressure for at least 1 minute.
6. Leave undisturbed for 10 minutes or preferably overnight to allow full bond strength to develop.
7. Avoid spillages and protect work surfaces. Remove cured residues of Super Glue with LOCTITE® Super Glue Remover.
8. For best results, the bonds should be prepared at room temperature (15-30°C) and a minimum 30% relative humidity.
9. For optimum product life, wipe the nozzle with a tissue soaked in acetone (e.g. nail varnish remover) to remove excess adhesive, replace cap and store the pack upright in a cool, dry place.

TECHNICAL DATA

Composition	Ethyl cyanoacrylate
Appearance	Clear liquid
Density	1.08 g/cm^3 @ 20 °C
Viscosity	60-80 mPa.s
Pack	3g tube
Safety	See Safety Data Sheet
Shelf Life at 20 °C	18 months, unopened, from date of production

LIMITATIONS

- For indoor use only
- Do not use on dusty, dirty or wet surfaces
- *Not suitable for bonding waxy or soft plastics, e.g. PP, PE, Teflon® (PFTE), vinyl
- Not suitable for silicone rubber, expanded polystyrene, foams, glass, synthetic fabric
- Leather: test on hidden area first
- Not suitable for permanently wet areas
- Not suitable for bonding silicone rubber, glass, glazed surfaces, very soft leather or foams
- Never use for bonding assemblies that will hold hot liquids
- Optimum bonding performance is achieved in dry conditions

STORAGE

Store in a cool, dry place, out of reach of children.

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available to download from mymsds.henkel.com.

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.

Henkel Limited
Wood Lane End, Hemel Hempstead, Hertfordshire, HP2 4RQ
Phone: +44 (0) 1606 59 39 33
email: technical.services@henkel.co.uk
Internet: www.henkel.co.uk

This document was created and digitally signed by tdx.henkel.com at 2025-11-27T09:03:04.738Z