



# Technical Data Sheet



## Loctite All Plastics

Technical Data Sheet  
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### CHARACTERISTICS

LOCTITE® Super Glue All Plastics is a two-part kit comprising an instant liquid adhesive and an activator pen. It is designed for bonding all types of household plastics to themselves and other materials. It is ideal for difficult to bond plastics, such as polyethylene and polypropylene, but will also bond other 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):** 2 to 20 N/mm<sup>2</sup> (tensile shear) in 12 to 24 hours, depending on the substrate.

### INSTRUCTIONS FOR USE

1. Ensure all surfaces to be bonded are clean and dry and close fitting.
2. Avoid skin contact with the glue or Activator.
3. First apply one or two coatings of Activator to both surfaces. Ensure coverage is sufficient to treat the entire bonding area. Re-cap the activator pen tightly immediately after use.
4. The Activator must be allowed to dry and react with the surface for 1 to 2 minutes.
5. Apply minimum quantity of LOCTITE® Super Glue to one of the surfaces to be bonded.
6. Bring parts together immediately and hold by hand pressure for at least 1 minute.
7. Leave undisturbed for 10 minutes or preferably overnight to allow full bond strength to develop.
8. Avoid spillages and protect work surfaces. Remove cured residues of Super Glue with LOCTITE® Super Glue Remover.
9. For best results, the bonds should be prepared at room temperature (15-30°C) and a minimum 30% relative humidity.
10. For optimum product life, wipe the nozzle with a tissue to remove excess adhesive, replace cap and store the pack in a cool, dry place.





## TECHNICAL DATA

Composition	Ethyl cyanoacrylate
Appearance	Clear liquid
Density	1.05 g/cm <sup>3</sup> @ 20 °C
Viscosity	70 - 130 mPa.s
Pack	3g tube + activator pen
Safety	See Safety Data Sheet
Shelf Life at 20 °C	18 months unopened

## LIMITATIONS

- For indoor use only in dry conditions
- Do not use on dusty, dirty or wet surfaces
- Not suitable for bonding glass, expanded polystyrene, very soft leather or foams
- Test on a hidden area if in any doubt that the activator may attack the surface
- Never use for bonding assemblies that will hold hot liquids

## 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 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.

## Henkel Norden AB

Box 151 22  
Gustavslundsvägen 151A  
SE-167 15 Bromma, Sweden