



# Technical Data Sheet



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## Loctite 60 Seconds Universal Glue

### CHARACTERISTICS

LOCTITE® 60 Seconds Universal glue is a fast, versatile, one-part all-purpose glue which quickly forms strong bonds between a wide range of common materials. It is designed for home use and its non-drip gel formula can be used on vertical or overhead surfaces. It is the ideal adhesive for bonding materials such as most plastics, rubbers, metals, woods, ceramics, leather, fabrics, cardboard and paper, without the need for one side to be porous. It is ideal for bonding large surface areas.

LOCTITE® 60 Seconds Universal glue is resistant to shocks and is perfect for applications where some flexibility is required. The product has been formulated to allow some repositioning time when making the bond. LOCTITE® 60 Seconds Universal glue conforms to the EN204 D3 standard for wood adhesives, making it water-resistant but not suitable for continuous exposure to moisture.



**Bonding Speed** (1 kg/cm<sup>2</sup>): Initial adhesion in approximately 45-90 seconds, depending on the substrate.

**Bond Strengths** (ISO 4587, tensile shear): 7-15 N/mm<sup>2</sup> (70-150 kg/cm<sup>2</sup>) in 24 hours, depending on the substrate. It is water-resistant to EN204-D3 standard.

### INSTRUCTIONS FOR USE

1. Shake tube before use. Ensure all surfaces to be bonded are clean, dry and close-fitting.
2. Avoid skin contact with the glue.
3. Gently squeezing the tube near the crimp end, apply a small amount (in thin beads or dots) of LOCTITE® 60 Seconds Universal glue to one of the surfaces to be bonded.
4. Bring parts together immediately and hold by hand pressure, without disturbing the bond, for at least 1 minute.
5. Leave undisturbed for 10 minutes, or preferably overnight, to allow full bond strength to develop.
6. Avoid spillages and protect work surfaces. Remove cured residues of LOCTITE® 60 Seconds Universal glue with LOCTITE® Glue Remover.
7. For best results, the bonds should be prepared at room temperature (15-25°C) and a minimum of 30% relative humidity. Bonding times may increase in very cold and/or dry ambient conditions.
8. For optimum product life, use only a minimum quantity of glue, 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 gel
Density	1.1 g/cm <sup>3</sup> @ 20 °C
Viscosity	Non-drip gel
Pack	20g aluminum tube
Safety	See SDS
Shelf Life@20°C	18 months in unopened container

## LIMITATIONS

- Do not use on dusty, dirty or wet surfaces
- Not suitable for bonding polypropylene, polyethylene, PTFE, silicone rubber, glass or foams
- Never use for bonding assemblies that will hold hot liquids
- Not suitable for bonding assemblies that contain gaps

## STORAGE

Ensure that the nozzle is cleaned, and the cap replaced after use. 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 [mysds.henkel.com](http://mysds.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.

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