

LOCTITE CONSUMER PRODUCTS

TECHNICAL INFORMATION SHEET

SUPER GLUE

PRODUCT DESCRIPTION

Loctite Super Glue is a one-part, medium viscosity Cyanoacrylate adhesive

Loctite Super Glue is designed for home use and forms strong bonds between a wide range of porous and non-porous materials. It has the following properties:

Liquid Adhesive

- Base Compound: Ethyl cyanoacrylate
- Appearance: Clear Liquid
- Viscosity: 25-100 mPas
- Density at 20°C: 1.05
- Flashpoint: Non-Flammable
- Safety: See Safety Data Sheet 0158589
- Shelf-Life at 20°C: 18 months

TYPICAL APPLICATIONS / PERFORMANCE

Loctite Super Glue is the ideal adhesive for bonding materials such as plastics, rubbers, metals, woods, ceramics, leather, fabrics, cardboard and paper. Fixture times are generally 5-30 seconds. Approximately 50% of ultimate Bond strength is achieved in about 5 minutes increasing to 10-20 N/mm² (tensile shear) in 12 to 24 hours.

INSTRUCTIONS FOR USE

1. Insure all surfaces to be bonded are clean and dry and close fitting.
2. Apply minimum quantity of Loctite Super Glue to one of the surfaces to be bonded.
3. Bring parts together immediately and hold by hand pressure until fixtured, usually for 15-60 seconds.
4. Leave undisturbed for 5 minutes or overnight for full bond strength to develop.
5. Ensure Loctite Super Glue has no contact with skin.
6. Avoid spillages and protect clothing and work surfaces. Remove cured residues of Loctite Super Glue with Loctite Superglue Remover.

Limitations

Loctite Super Glue is not suitable for bonding polypropylene, polyethylene, PTFE, silicone rubber, glass or glazed surfaces. Also unsuitable for bonding very soft leather. Never use for bonding assemblies that will hold hot liquids.

Note

The properties listed in this information sheet are typical and should not be used as a basis for preparing a specification. The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. The discussion herein of various processes or compositions is not to be interpreted as presentation that they are free from domination of patents owned by others, or as a licence under Loctite Corporation patents, which may cover such processes or compositions. We recommend that each prospective user test his application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

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