

Super Glue Liquid



DESCRIPTION

Loctite® Super Glue Liquid has proven superior performance over ordinary super glues. It works faster and holds stronger on more surfaces than ordinary instant adhesives thanks to a patented additive. The liquid formula works well on a variety of porous and non-porous surfaces and close-fitting repairs. It dries clear and sets without clamping. Loctite Super Glue Liquid is resistant to moisture, most chemicals, and freezing temperatures.

Available as:

Item #	Package	Size
1399967	Carded Tube	1 x 2g
1399963	Carded Tubes	2 x 2g
1363131		
1735575		
1710908	Carded Tubes	3 x 1g
1734231		
1799408	Carded Tubes	4 x 1g

FEATURES & BENEFITS

- Sets in Seconds
- Dries Transparent
- Self-Piercing Tube

RECOMMENDED FOR

Use for repairing figurines, costume jewelry, cameras, toys, metal car parts, wiper blades, rubber seals and O-rings. Bonds leather, cork, paper, cardboard, wood, chipboard, fabric, metal, ceramic, rubber, and hard plastics such as acrylic, polycarbonate, polystyrene and PVC.

LIMITATIONS

- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), silicone or foam rubber, polystyrene foams, glass, very soft leathers or pure bone china
- Do not use in dishwasher, oven or microwave
- Not suitable for bonding assemblies which will hold hot liquids
- Do not use on glazed surfaces
- Not suitable for exterior applications
- Not suitable for repairs needing high flexibility or for gap-filling applications

TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	Colorless to straw	<u>Application Temperature:</u>	Apply above 50°F (10°C)
<u>Appearance:</u>	Liquid	<u>Odor:</u>	Sharp, irritating (use in a well-ventilated area)
<u>Base:</u>	Ethyl cyanoacrylate	<u>Fixture Time:</u>	15-30 seconds*
<u>Flash Point:</u>	176°F (80°C) to 200°F (93°C)	<u>Handling Time:</u>	Leave undisturbed for at least 10 minutes. For best results, allow full bond strength to develop over night before handling.
<u>VOC Content:</u>	< 2% by weight CARB < 20 g/l SCAQMD rule 1168	<u>Cure Time:</u>	12 – 24 hours*
<u>Specific Gravity:</u>	1.05 – 1.1		

*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used.

TECHNICAL DATA

Clean Up: Clean up uncured residue with acetone. Scrape away cured adhesive using a sharp-edged tool. Follow solvent manufacturer's precautions for using solvents.

Shelf Life: From date of manufacture (unopened):
18 months

Lot Code Explanation:

XYDDD (printed on bottom of bottle)
X = Disregard
Y = Last digit of year of manufacture
DDD = Day of manufacture based on 365 days in a year
Example: A3061 = 61st day of 2023 = March 2, 2023

Typical Cured Performance Properties

Color: Colorless to light yellow

Service Temperature: Up to 180°F (82°C)

Cured form: Non-flammable, brittle solid

Moisture Resistance: Yes

Tensile Shear Strength: Varies from 1450-2900 psi (10-20 N/mm²)
Depending on the substrate

ISO 4587
12-24 hrs. cure

Aluminum: 2248 psi (15.5 /mm²)

DIRECTIONS

Tools Typically Required:

Tissue Paper

Safety Precautions:

Use in a well-ventilated area. Protect work area before and during use of the glue. Nitrile gloves are recommended. Do not use PVC, nylon, or cotton gloves. Skin contact may cause burns. Wash hands after use.

Fingers Bonded? Apply cooking oil to bonded area of skin. Gently message bonded fingers back and forth to "peel" bond apart. Use rolling, peeling motion – do not pull. Once apart use high moisture hand lotions to aid in removal of excess glue from skin. Keep in mind, adhesive may remain on fingers. With frequent use of moisturizing hand lotion, this will eventually be resolved over several days.

Preparation:

Surfaces to be bonded must be close fitting, clean, dry, free from oil, wax, and paint, and have sufficient bonding area. Protect work area. For best results, lightly roughen smooth surfaces. Pre-fit parts to be joined.

NOTE: To prevent accidental spillage, do not squeeze tube while removing cap to open.

Application:

Screw on nozzle assembly clockwise to pierce metal seal. Remove cap counter-clockwise, holding nozzle base. Apply the adhesive sparingly to one surface only using approximately one drop per square inch of surface. Press surfaces together immediately. Hold in place for 15 to 30 seconds until bond sets. Do not reposition parts. Clean tip with tissue and replace the cap screwing it down tightly in a clockwise direction.

Clean-up:

After cleaning, wet any tissue used for wiping off glue with water and dispose of. Clean up uncured residue with acetone. Follow solvent manufacturer's precautions for using solvents. Cured adhesive may be cut away with caution using a sharp blade. Note this may result in damage to surfaces.

STORAGE & DISPOSAL

Not damaged by freezing in the unopened container. After opening it is not recommended that the product be stored cold or frozen. Once opened, the product is best stored tightly sealed in a dry location away from heat sources or sun exposure. Humidity and high temperatures may decrease shelf life. Use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

WARNING: Contains Cyanoacrylate. Can cause severe eye injury. Bonds skin instantly. Skin contact may cause burns. Harmful if swallowed. May cause allergic skin reaction. May cause delayed irritation and sensitization. Use in a well ventilated area. Avoid contact with eyes, skin and clothing. **Do not take internally.** Wash thoroughly after handling.

FIRST AID: In case of eye contact, flush with water for 15 minutes; call a physician. For skin contact, flush with water. For ingestion, do not induce vomiting; call a physician. If spilled on clothing, flush with large quantities of water.

KEEP OUT OF THE REACH OF CHILDREN.

Refer to the Safety Data Sheet (SDS) for further information.

DISCLAIMER

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

LIMITED WARRANTY

This product is warranted by Henkel Corporation to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty – express or implied – including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This Limited Warranty gives you specific legal rights, which vary from state to state. For warranty assistance, contact Henkel at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET.



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