



# TECHNICAL DATA SHEET



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## DESCRIPTION

Loctite® Super Glue Liquid works fast and holds strong even on hard to bond acidic surfaces thanks to a patented additive. The liquid formula works well on a variety of porous and non-porous surfaces. It dries clear and sets without clamping. Loctite Super Glue Liquid is resistant to moisture, most chemicals and freezing temperatures. The convenient mini tubes allow for quick and convenient repairs with no mess

## 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.

## NOT RECOMMENDED FOR:

- Polystyrene foam, foam rubber, pure bone china, glass, silicone rubber, PTFE, polyethylene and polypropylene
- Glazed surfaces
- Use on repairs needing high flexibility (vibrating and moving parts) or for gap filling applications
- Use in dishwasher, oven or microwave
- Exterior applications

## FEATURES & BENEFITS:

Feature	Benefits
Dries transparent.....	Invisible repairs
Sets in seconds.....	No clamping required
Mini Tubes .....	Easy storage for fast repairs at home or on-the-go
Ergonomic easy-grip caps .....	Self-piercing
Vacuum-packed .....	Long shelf-life

Item #	Package	Size
1710908	Carded Tube	3 x 0.035 oz (3 x 1 g)
1734231	Carded Tube	3 x 0.035 oz (3 x 1 g)

## DIRECTIONS

### Tools Typically Required:

Tissue paper.

### Safety Precautions:

Apply in a well ventilated area. Wear gloves.

### Preparation:

Surfaces must be clean, close fitting with no gaps, dry and free from oil, wax and paint. Protect work area. Lightly roughen smooth surfaces for better adhesion. Pre-fit parts to be joined.

### Application:

In a clockwise direction, screw the cap assembly tightly onto the tube to pierce the foil seal. Unscrew the top cap in a counter clockwise direction. Squeeze the tube to dispense 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. When cleaning up larger quantities of uncured adhesive, apply water and allow to cure and then scrape up. Note this may result in damage to the surfaces. Cured adhesive may be cut away with caution using a sharp blade, removed with acetone or with boiling water.

## STORAGE AND DISPOSAL

Not damaged by freezing in the unopened container. Optimal shelf life is achieved when unopened container is stored from 36°F to 46°C (2°C to 8°C). 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. May cause allergic skin reaction. Skin contact may cause burns. Use in a well ventilated area. Avoid contact with skin and eyes. **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.** Conforms to ASTM D4236

Refer to the Material Safety Data Sheet (MSDS) 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. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. 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.

## TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	Clear and colorless	<u>Application Temperature:</u>	Apply at temperatures above 50°F (10°C)
<u>Appearance:</u>	Liquid	<u>Odor:</u>	Sharp, irritating (Apply in a well ventilated area)
<u>Base:</u>	Ethyl cyanoacrylate	<u>Fixture Time:</u>	15 to 30 seconds
<u>Specific Gravity:</u>	1.05	<u>Max. Strength Cured Time:</u>	12 to 24 hours
<u>Flashpoint:</u>	150°F (65°C) to 200°F (93°C)		
<u>VOC Content:</u>	< 20 g/L (2% by weight)		
<u>Shelf Life:</u>	36 months from date of manufacture (unopened)		
<u>Lot Code Explanation:</u>	YDDDXX Y = Year DDD = Day of manufacture based on 365 days in a year XX = Disregard		
(Lot code printed on bottom of bottle)	For example: 3061 = 61 <sup>st</sup> day of 2013 = March 2, 2013		

<b>Typical Cured Performance Properties</b>
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<u>Color:</u>	Clear and colorless
<u>Moisture Resistance:</u>	Yes
<u>Cured form:</u>	Non-flammable, hard, brittle solid.
<u>Service Temperature:</u>	Up to 180°F (82°C)
<u>Tensile Strength:</u> (60 minute RT Cure, IPA Wiped Aluminum Lap Shears)	15.5 N / m <sup>2</sup> minimum