



# TECHNICAL DATA SHEET



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## DESCRIPTION:

Loctite® Super Glue Longneck Bottle features a precision tip which allows controlled application without dripping, thus less mess. It has an easy-open cap with a metal pin that cleans and seals the nozzle for a clog-free performance. The long nozzle is ideal for gluing hard to reach surfaces. The “finger friendly” bottle keeps fingers glue free, as well as allows for a continuous flow or a precise drop of glue. It bonds a variety of materials including leather, ceramic, rubber, paper, metal, china, wood and most plastics. Loctite® Super Glue Longneck Bottle dries clear and sets without clamping. It is also resistant to moisture, most chemicals and freezing temperatures.

## 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 Plexiglass®, polycarbonate, polystyrene and PVC.

## NOT RECOMMENDED FOR:

- Styrofoam, foam rubber, pure bone china, glass, silicone rubber, polyethylene, polypropylene and polytetrafluoroethylene (PTFE)
- Glazed surfaces
- Use on repairs needing high flexibility
- Use in dishwasher, oven or microwave
- Exterior applications

## FEATURES & BENEFITS:

Feature	Benefits
Dries transparent.....	Invisible repairs
Sets in seconds.....	No clamping required
Extra long nozzle.....	Ideal for gluing hard to reach surfaces
Pin-point nozzle.....	Allows for precise application

Item #	Package	Size
230992 1365896 1594457	Carded Bottle	5 g
234796 1519574 1693365	Carded Bottle	10 g

## DIRECTIONS:

**Tools Typically Required:**  
 Tissue paper

**Safety Precautions:**  
 Apply in a well ventilated area. Wear gloves and wash hands after use.

**Preparation:**  
 Surfaces must be clean, 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:**  
 Twist off cap by turning counter-clockwise ¼ turn. Apply 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 excess adhesive with tissue paper and replace cap. Twist on cap to close and seal.

**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. Note: Acetone is highly flammable and may not be suitable for use on all materials, test surface first. Follow manufacturer's instructions.

**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°F (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.**

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>	Transparent colorless	<u>Application Temperature:</u>	Do not apply below 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>Specific Gravity:</u>	1.05	<u>Handling Time:</u>	Leave undisturbed for at least 10 minutes. For best results, allow full bond strength to develop overnight before handling.
<u>Flashpoint:</u>	176°F to 200°F (80°C to 93.4°C)	<u>Full Bond Strength:</u>	12 to 24 hours*
<u>VOC Content:</u>	< 2% by weight (< 20 g/L)		
<u>Shelf Life:</u>	From date of manufacture (unopened):		*Cure time is dependent upon temperature, humidity, porosity of surfaces bonded and amount of adhesive used
	Stored at 2-8°C: 18 months		
	Stored at 20°C: 18 months		
<u>Lot Code Explanation:</u>	#YDDDX		
	# = Disregard		
	Y = Last Digit of Year of Manufacture		
	DDD = Day of manufacture based on 365 days in a year		
(Lot code printed on bottom of bottle)	X= Disregard (may not appear on all)		
	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>Cured form:</u>	Non-flammable, hard, brittle solid.
<u>Service Temperature:</u>	Up to 180°F (82°C)
<u>Moisture Resistance:</u>	Yes
<u>Bond Strength (Tensile Shear, ISO 4587):</u>	Varies from 1450-2900 psi (10-20 N/mm <sup>2</sup> ) in 12-24 hours, depending on the substrate
<u>Chemical Resistance:</u>	Motor oil, leaded petrol, ethanol, isopropanol and freon TA