



# TECHNICAL DATA SHEET



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## DESCRIPTION

Loctite® Super Glue Gel Professional 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 gel formula works on a variety of porous and non-porous surfaces and is ideal for vertical surfaces and small gaps. Loctite® Super Glue Gel Professional comes in a self-piercing tube; it dries clear and sets without clamping. It is also resistant to moisture, most chemicals and freezing temperatures. Larger tube size is ideal for heavier super glue users and larger projects.

## 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. Ideal for vertical surfaces.

## NOT RECOMMENDED FOR:

- Styrofoam, foam rubber, pure bone china, glass, silicone rubber, PTFE, polyethylene and polypropylene
- Glazed surfaces
- Use on repairs needing high flexibility 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
Gel formula.....	No-drip gel formulation. Ideal for vertical surfaces and for bonding porous materials.
Self-piercing tube.....	No pins required. Less mess application.
Clog-free cap.....	Maximizes useful life of product.



Item #	Package	Size
1360697	Carded Tube	10 g

## DIRECTIONS

### Tools Typically Required:

Tissue paper.

### Safety Precautions:

Apply in a well ventilated area. Wear gloves.

### Preparation:

Surfaces must be close fitting with no gaps, 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:**

In a clock-wise direction, screw the cap and nozzle assembly down all the way to the tube shoulder, puncturing the tube. Remove the cap counter clockwise from the nozzle. Apply sparingly to one side only using approximately one drop per square inch of surface. Press surfaces together immediately. Hold in place for 15 to 60 seconds until bond sets. Do not reposition parts. Clean tip with tissue and replace the cap.

**Clean-up:**

Use Duro® Super Glue Remover to clean up uncured adhesive residue. 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. Store in a cool, dry location. Humidity and high temperatures may decrease effectiveness. Use an approved hazardous waste facility for disposal.

**LABEL PRECAUTIONS**

**WARNING: EYE AND REPIRATORY IRRITANT. BONDS TO SKIN IN SECONDS.**  
Contains Cyanoacrylate. May cause allergic skin reaction. Skin contact through clothing may cause burns. Avoid contact with skin and eyes. 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 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>	Clear and colorless	<u>Application Temperature:</u>	Do not apply below 50°F (10°C)
<u>Appearance:</u>	Non-drip gel	<u>Odor:</u>	Sharp, irritating (use 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>Handling Strength:</u>	Leave undisturbed for at least 5 minutes. For best results, leave undisturbed overnight to allow full bond strength to develop.
<u>Flashpoint:</u> (Tag Closed Cup)	150°F (66°C) to 200°F (93°C)		Note: Full cure time is dependent upon the temperature, humidity and amount of adhesive used.
<u>VOC Content:</u>	< 20 g/L (2% by weight)		
<u>Shelf Life:</u>	30 months from date of manufacture (Unopened)		
<u>Lot Code Explanation:</u>	YYDDD YY = Year DDD = Day of manufacture based on 365 days in a year		
(Lot code imprinted on crimped end of tube)	For example: 09061 = 61 <sup>st</sup> day of 2009 = March 2, 2009		

**Typical Cured Performance Properties**

<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)