



# TECHNICAL DATA SHEET



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## DESCRIPTION:

Loctite® Super Glue ULTRA Gel Control™ is a specially formulated rubber toughened instant adhesive that resists impact, shock, vibration and temperature extremes. It is ideal for bonds subject to daily use and harsh conditions. The Rubber Toughened Formula is also Outdoor Safe and gives more time to align pieces before the glue takes hold. Loctite® Super Glue ULTRA GEL CONTROL™ comes in a patented side-squeeze design for maximum control and air-tight storage. It dries clear and sets without clamping. Loctite® Super Glue ULTRA Gel Control™ is resistant to moisture 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 Plexiglas™, polycarbonate, polystyrene and PVC.
- Ideal for vertical surfaces and for applications requiring flexibility.

## NOT RECOMMENDED FOR:

- Polyethylene, polypropylene, PTFE, silicone rubber, polystyrene foams or glass
- Use in dishwasher, oven or microwave
- Bonding assemblies which will hold hot liquids

## FEATURES & BENEFITS:

Feature	Benefits
Rubber toughened formula.....	Great for applications requiring high flexibility
Gel formulation.....	No mess, no drip formula; Ideal for vertical applications
Dries transparent.....	Invisible repairs
Sets in seconds.....	No clamping required
Easy squeeze grips.....	Pinpoint accuracy, easy to use
Locking cap collar.....	Prevents leaks and drying out

Item #	Package	Size
1363589	Carded Bottle	4 g

## DIRECTIONS:

**Safety Precautions:**  
Wear gloves. Protect work area.

**Preparation:**  
Surfaces to be bonded must be close fitting, clean, dry and free from oil, wax and paint. For best results, lightly roughen smooth surfaces. Pre-fit parts to be joined.

**Application:**  
To puncture the nozzle, screw the cap clockwise continuously into the base until the clicking sound stops. Unscrew the cap counter clockwise to open the bottle. Squeeze the blue side grips to dispense the adhesive. Only one drop of adhesive per square inch of surface is required. Press surfaces together immediately and hold for 60 seconds. Do not attempt to reposition the parts. Immediately after use, clean tip with tissue and replace cap. For increased strength, leave the parts undisturbed for at least 10 minutes. Full cure in 24 hours. Note: Cure time is dependent upon temperature, humidity, porosity of surfaces and amount of adhesive applied.

**Clean-up:**

Cured adhesive may be cut away with caution using a sharp blade, removed with mineral spirits 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 the child resistant vial for safe storage. Use an approved hazardous waste facility for disposal.

**LABEL PRECAUTIONS**

**DO NOT GET IN EYES OR MOUTH OR ON SKIN. KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT:** Contains cyanoacrylate. Eyelid bonding: See a doctor. Skin bonding: Soak skin in water and call the Poison Control Center. Do not force apart.

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>	Liquid gel	<u>Odor:</u>	Sharp, irritating (use in a well-ventilated area)
<u>Base:</u>	Ethyl Cyanoacrylate	<u>Set Time:</u>	60 seconds
<u>Specific Gravity:</u>	1.1	<u>Cure Time:</u>	24 hours Cure time is dependent upon temperature, humidity, porosity of surfaces bonded and amount of adhesive used.
<u>Flashpoint:</u>	176°F (80°C) to 200°F (93.4°C)		
<u>VOC Content:</u>	< 2% by weight (< 20 g/L)		
<u>Shelf Life:</u>	25 months from date of manufacture (unopened)		
<u>Lot Code Explanation:</u>	YDDDXX Y = Last Digit of Year of Manufacture DDD = Day of Manufacture based on 365 days in a year XX = Disregard		
(Lot code printed on bottom of bottle)	For example: 9061 = 61 <sup>st</sup> day of 2009 = March 2, 2009		

<b>Typical Cured Performance Properties</b>
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<u>Color:</u>	Clear and colorless
<u>Moisture Resistance:</u>	Yes, Conforms to EN204 D3 Water Resistance Standard.
<u>Cured form:</u>	Non-flammable, flexible solid
<u>Service Temperature:</u>	Up to 180°F (82°C)
<u>Tensile Strength:</u> (Aluminum)	21.12 N/mm <sup>2</sup> (3063 psi)
<u>Peel Strength:</u> (Aluminum)	2.50 N/mm (14 lb/in)
<u>Drops to break bonded item:</u>	> 60 times