



Super Glue Ultra Gel Control®

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.

Available As:

Item #	Size	Package
1363589	4 g	Carded Bottle
1699233		
1739050		
1801751	5 g	Carded Bottle

Features & Benefits:

- Precise Application
- No Drip or Run Gel Formula
- Dries Transparent
- Water Resistant
- Impact Resistant
- Most Durable Formula

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. Ideal for vertical surfaces and for applications requiring flexibility.

For Best Results:

- 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 gap-filling applications



TECHNICAL DATA SHEET

Typical Uncured Physical Properties:

Color:	Clear and Colorless	
Appearance:	Gel	
Adhesive Base:	Ethyl cyanoacrylate	
Odor:	Sharp, irritating (use in a well-ventilated area)	
Specific Gravity:	1.05	
Flash Point:	176°F (80°C) to 200°F (93°C)	
VOC Content:	< 2 % by weight	CARB
	< 20 g/l	SCAQMD rule 1168
Shelf Life:	From date of manufacture (unopened) :	
	24 months	Stored at 36-46°F
	18 months	Stored at 68°F
Lot Code Explanation:	YDDDXX	
Printed on bottom of bottle	Y = Last digit of year of manufacture DDD = Day of manufacture based on 365 days in a year XX = Disregard Example: 5061 = 61 st day of 2015 = March 2, 2015	

Typical Application Properties:

Application Temperature:	Apply above 50°F (10°C)	
Fixture Time:	15 to 30 seconds*	
Handling Time:	Leave undisturbed for at least 5 minutes. For best results, allow full bond strength to develop overnight before handling.	
Cure Time:	12 to 24 hours* *Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used	

Typical Cured Performance Properties:

Color:	Clear and Colorless	
Cured Form:	Non-flammable, flexible solid	
Service Temperature:	Up to 180°F (82°C)	
Moisture Resistant:	Yes but not suitable for continuous water exposure	Conforms to EN204 D3 Water Resistance Standard
Tensile Shear Strength:	Varies from 2175-3625 psi (15-25 N/mm ²)	ISO 4587
Aluminum:	3060 psi (21.12 N/mm ²)	12-24 hours cure, depending on the substrate
Peel Strength, Aluminum:	14.3 lb/in (2.5 N/mm)	
Drops to Break Bonded Item:	>60 times	

Directions:

Tools Typically Required:

Tissue paper

Safety Precautions:

Use in a well-ventilated area. Protect work area. Wash hands after use.

Preparation:

Surfaces to be bonded must be close fitting, clean, dry and free from oil, wax and paint. Protect work area. 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 15-30 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 5 minutes. Full cure in 24 hours. Note: Cure time is dependent upon temperature, humidity, porosity of surfaces and amount of adhesive applied.



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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 may damage some plastics and is also highly flammable. Test before use and follow manufacturer's instructions.

Storage & 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 May cause allergic skin reaction. Skin contact through clothing may cause burns. 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 REACH OF CHILDREN.**

Refer to 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. 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.

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