



TECHNICAL DATA SHEET



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DESCRIPTION:

Loctite® Super Glue Ultra Liquid Control® is a user-friendly formulation designed for home use that forms strong rapid bonds between a wide range of common materials and offers improved performance in bonding materials exposed to moisture and humidity. The product provides rapid bonding to porous materials such as wood, paper, leather and fabric. Loctite® Super Glue Ultra Liquid Control® comes in a patented side-squeeze design for maximum control. It dries clear and sets without clamping. Water resistant and dishwasher safe for porcelain, plastic and wood.

RECOMMENDED FOR:

Use for repairing figurines, costume jewelry, cameras, toys, metal car parts, wiper blades, rubber seals and O-rings. Bonds rubber, metal, wood, ceramics, leather, fabrics, cardboard, paper and hard plastics such as Plexiglas®, polycarbonate, polystyrene and PVC.

LIMITATIONS:

- Glass, bone china, polystyrene foam, foam rubber, silicone rubber, polytetrafluoroethylene (PTFE), polyethylene, polypropylene, very soft leathers
- Glazed surfaces
- Use on repairs needing high flexibility or for gap filling applications
- Use in oven or microwave
- Exterior applications
- Bonding assemblies that will hold hot liquids

FEATURES & BENEFITS:

Feature	Benefits
Dries transparent.....	Invisible repairs
Sets in seconds.....	No clamping required
Easy squeeze grips.....	Pinpoint accuracy, easy to use
Dishwasher safe.....	Repairs to porcelain, plastic and wood dishes and utensils that will be washed in dishwasher



Item #	Package	Size
1647358	Carded Bottle	4 g
1661517		

DIRECTIONS

Tools Typically Required:

Tissue paper

Safety Precautions:

Apply in a well ventilated area. Wear gloves. Avoid skin and eye contact with the glue.

Preparation:

Surfaces must be clean, close fitting with no gaps, dry and free from oil, wax and paint. Avoid spillages and protect work area. Lightly roughen smooth surfaces for better adhesion. Pre-fit parts to be joined. Prior to use the unopened container should be brought to ambient temperature.

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 red side grips for precision dispensing. Apply sparingly to one surface. 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 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:

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: BONDS SKIN IN SECONDS. IRRITANT. 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 to straw colored	<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 – 200°F (80 - 93.4°C)	<u>Cure Time:</u>	24 hours
<u>VOC Content:</u>	<2% by weight (<20 g/L)		
<u>Shelf Life:</u>	From date of manufacture (unopened)		Note: Cure time is dependent upon temperature, humidity, porosity of surfaces bonded and amount of adhesive used
	Stored at 36-46°F: 18 months		
	Stored at 68°F: 30 months		
<u>Lot Code Explanation:</u>	YDDDXX		
	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)	XX = Disregard		
	For example: 3061 = 61 st day of 2013 = March 2, 2013		

Typical Cured Performance Properties

<u>Color:</u>	Transparent
<u>Cured Form:</u>	Non-flammable, hard, brittle solid
<u>Service Temperature:</u>	Up to 180°F (82°C)
<u>Water Resistance:</u>	Yes. Conforms to EN204 D3 Water Resistance Standard.
<u>Tensile Shear Strength (ISO 4587):</u>	1450 to 2900 psi (10 to 20 N/mm ²) in 12 to 24 hours, depending on the substrate