



TECHNICAL DATA SHEET



Super Glue Ultra Liquid™ Control®

Description: LePage Super Glue Ultra Liquid control is dishwasher safe, and resistant to water and freezing temperatures. It forms strong 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. Super Glue Ultra Liquid comes in a patented side-squeeze design for maximum control. It dries clear and sets without clamping.

Available As:

Item #	Size	Package
1864466	4 ml	Carded Bottle

Features & Benefits:

- Dishwasher Safe Formula
- Easy to Use Squeeze Grips For Pinpoint Accuracy
- Dries Transparent for Invisible Repairs
- Sets in Seconds
- No-Clog Container for Longer Life

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.

For Best Results:

- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE)/Teflon®, foam or silicone rubber, polystyrene foam, glass, bone china, or very soft leathers
- Bonded items should not be placed in oven or microwave
- Not suitable for bonding assemblies which will hold hot liquids
- Do not use on glazed surfaces
- Not suitable for exterior applications
- Not suitable for repairs needing high flexibility or for gap-filling applications



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Typical Uncured Physical Properties:

Color:	Clear and Colorless	
Appearance:	Liquid	
Base:	Ethyl cyanoacrylate	
Odor:	Sharp, irritating (use in a well-ventilated area)	
Specific Gravity:	1.05	
Flash Point:	80°C (176°F) to 93.4°C (200°F)	
VOC Content:	<2% by weight	CARB
	<20 g/l	SCAQMD rule 1168
Shelf Life:	From date of manufacture (unopened) : 30 months 18 months	Stored at 2-8°C Stored at 20°C
Lot Code Explanation:	YDDDXX	
Printed on bottom of tube	Y = Last digit of year of manufacture DDD = Day of manufacture based on 365 days in a year XX = Disregard Example: 4061 = 61 st day of 2014 = March 2, 2014	

Typical Application Properties:

Application Temperature:	Apply above 10°C (50°F)	
Fixture Time:	10-30 seconds*	
Handling Time:	Leave undisturbed for at least 10 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, hard, brittle solid	
Service Temperature:	Up to 82°C (180°F)	
Moisture Resistant:	Yes	
Tensile Shear Strength:	Varies from 10-20 N/mm ² (1450-2900 psi)	ISO 4587
Aluminum:	15.5 N/mm ² (2248 psi)	12-24 hours cure, depending on the substrate

Directions:

Tools Typically Required: Tissue paper

Safety Precautions: Wear gloves and wash hands after use. Protect work area.

Preparation: Surfaces must be clean, close fitting with no gaps, 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: In a clockwise direction, screw the closure cap tightly in to the base until the clicking sound stops. Unscrew the cap in a counter clockwise direction. Squeeze red side grips for precision dispensing. Apply the adhesive sparingly to one surface only using approximately one drop per square inch of surface. Press surfaces together immediately. Hold in place for 10 to 30 seconds until bond sets. Do not reposition parts. Clean tip with tissue and replace the cap screwing it down tightly in a clockwise direction. For increased strength, leave bond undisturbed for at least ten 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.



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Storage & Disposal: Not damaged by freezing in the unopened container. Optimal shelf life is achieved when unopened container is stored from 2°C to 8°C (36°F to 46°F). 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: **CAUTION. BONDS SKIN INSTANTLY.** 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 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.



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