

TECHNICAL DATA SHEET



Super Glue Liquid Brush-On

Description: LePage Super Glue Liquid Brush-On 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 liquid formula works well on a variety of porous and non-porous surfaces and close fitting repairs. Super Glue Liquid Brush-On comes in a spill resistant bottle with a built-in brush applicator. It dries clear and sets without clamping. Super Glue Liquid Brush-On is resistant to moisture, most chemicals and freezing temperatures.

Available As:

Item #	Size	Package
1668034	5 ml	Carded Bottle

Features & Benefits:

- Brush Applicator
- Sets in Seconds
- No Mixing Required
- Dries Transparent
- Spill Resistant Bottle

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 polystyrene foam, foam rubber, pure bone china, glass, silicone rubber, polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE)
- Bonded items should not be placed in dishwasher, 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 Ethyl cyanoacrylate Base: 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: **CARB** <2% by weight <20 g/l SCAQMD rule 1168 Shelf Life: From date of manufacture (unopened): 18 months Stored at 2-8°C 18 months Stored at 20°C Lot Code Explanation: **#YDDD**X Printed on crimped end on # = Disregard tube Y= Last digit of year of manufacture DDD= Day of manufacture based on 365 days in a year X = Disregard Example: 4061 = 61st day of 2014 = March 2, 2014

Typical Application Properties:

Application Temperature: Apply above 10°C (50°F)

Fixture Time: 15-30 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/mm² (1450-2900 psi) ISO 4587
12-24 hours cure, depending on the substrate

Chemical Resistance: Motor oil, leaded petrol, ethanol, isopropanol and Freon® TA

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:

Twist off cap by turning counter-clockwise. Using the built-in brush, apply the adhesive lightly and uniformly to one surface only. Excess glue increases bonding time and decreases strength. Press surfaces together immediately. Hold in place for 15 to 30 seconds until bond sets. Do not reposition parts. Replace cap and clean excess adhesive with tissue paper.

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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