



TECHNICAL DATA SHEET



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DESCRIPTION

Loctite® Super Glue 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. Loctite® Super Glue Brush On comes in a spill resistant bottle with a built-in brush applicator. It dries clear and sets without clamping. Loctite® Super Glue Brush On is resistant to moisture, most chemicals 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.

NOT RECOMMENDED FOR:

- Polystyrene foams, foam rubber, pure bone china, glass, silicone rubber, polytetrafluoroethylene (PTFE), polyethylene and polypropylene
- Glazed surfaces
- Use on repairs needing high flexibility
- Use in dishwasher, oven or microwave

FEATURES & BENEFITS:

Feature	Benefits
Dries transparent.....	Invisible repairs
Sets in seconds.....	No clamping required
Brush applicator.....	Ease of application, glue-free handling
Spill resistant bottle.....	Safe storage
Clog-free.....	Minimize waste



Item #	Package	Size
852882 1365734 1703904	Carded Bottle	5 g

DIRECTIONS

Tools Typically Required:

Tissue paper

Safety Precautions:

Apply in a well-ventilated area. Wear gloves.

Preparation:

Surfaces must be clean, dry and free from oil, wax and paint. Protect work area. Lightly roughen smooth surfaces for better adhesion. 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.

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: 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 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>	Apply above 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 to 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 to 200°F (80°C to 93°C)	<u>Full Cure Time:</u>	12 to 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: 18 months		
<u>Lot Code Explanation:</u>	#YDDDX # = Disregard Y = Last Digit of Year of Manufacture DD = Day of manufacture based on 365 days in a year X = Disregard (may not appear on all)		
(Lot code printed on bottom of bottle)			
	For example: #3061 = 61 st day of 2013 = March 2, 2013		

Typical Cured Performance Properties

<u>Color:</u>	Clear and colorless
<u>Cured form:</u>	Non-flammable, hard, brittle solid
<u>Service Temperature:</u>	Up to 180°F (82°C)
<u>Moisture Resistance:</u>	Yes
<u>Bond Strength (Tensile Shear, ISO 4587):</u>	Varies from 1450-2900 psi (10-20 N/mm ²) in 12-24 hours, depending on the substrate
<u>Chemical Resistance:</u>	Motor oil, leaded petrol, ethanol, isopropanol and freon TA

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