



TECHNICAL DATA SHEET



Henkel Corporation
 Professional and Consumer Adhesives
 Rocky Hill, CT
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DESCRIPTION:

Loctite® Glass Glue is the only patented super glue specially formulated for bonding glass. Forming fast and durable joints, the bond is water resistant to stand up to everyday use. Loctite Glass Glue dries clear, sets without clamping and is dishwasher safe.

RECOMMENDED FOR:

Use for bonding all types of glass to itself and glass to non-porous materials such as metal and certain plastics. Works on clear, tinted, brown, opaque and stained glass as well as crystal.

LIMITATIONS:

- Do not use on Polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), silicone or foam rubber, polystyrene foams, or pure bone china
- Do not use in dishwasher, oven or microwave
- For indoor use only
- Not suitable for bonding assemblies which will be exposed to temperatures over 180°F (82°C)
- Do not use on dusty, dirty, or wet surfaces
- Not suitable as a general purpose adhesive
- Not suitable for gap-filling applications (parts must be close fitting with no gaps or voids)

FEATURES & BENEFITS:

Feature	Benefits
Dries clear and colorless.....	Crystal Clear
Fast Bonding.....	Sets in Seconds
Dishwasher safe.....	Use on items going in dishwasher

Item #	Package	Size
233841 1627934	Carded Tube	2 g

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Typical Uncured Physical Properties		Typical Application Properties	
Color:	Clear and Colorless	Application Temperature:	Apply above 50°F (10°C)
Appearance:	Liquid	Odor:	Sharp, irritating (use in a well-ventilated area)
Base:	n-Butyl cyanoacrylate	Set Time:	15 to 60 seconds
Specific Gravity:	1.1	Handling Time:	Leave undisturbed for at least 10 minutes. For best results, allow full bond strength to develop overnight before handling.
VOC Content:	< 3% CARB *VOC content not required on label as it is less than 1 oz. in size	Cure Time:	24 hours* *Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used
Flashpoint:	176°F (80°C) to 200°F (93°C)	Clean Up:	Scrape away cured adhesive using a sharp-edged tool.



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Shelf Life:	18 months from date of manufacture (unopened)	Lot Code Explanation:	# = Disregard first letter Y= Last digit of year of manufacture DDD= Day of manufacture based on 365 days in a year Example: 7145 = 145 th day of 2017 – May 25, 2017
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Typical Cured Performance Properties

Color:	Clear and colorless	Cured form:	Non-flammable, brittle solid.
Service Temperature:	Up to 180°F (82°C)	Moisture Resistant:	Yes
Tensile Strength: ISO 4587	Varies from 218 - 363 psi (1.5 – 2.5 N/mm ²) depending on the substrate at 12-24 hours cure time	Chemical Resistance:	Motor oil, leaded petrol, ethanol, isopropanol and Freon TA

DIRECTIONS:

Tools Typically Required:

Tissue paper.

Safety Precautions:

Use in a well-ventilated area. Protect work area before and during use of the glue. Nitrile gloves recommended. Do not use PVC, nylon, or cotton gloves. Skin contact may cause burns. Wash hands after use.

Fingers Bonded? Apply cooking oil to bonded area of skin. Gently massage bonded fingers back and forth to “peel” apart. Use rolling, peeling motion – do not pull. Once apart use high moisture hand lotions to aid in removal of excess glue from skin.

Preparation:

Surfaces must be clean, dry and free from oil, wax and paint. Wash all glassware with water and dry. Avoid using detergents to clean glassware as detergent residues can affect the quality of the bond. Protect work area. Pre-fit parts to be joined. All parts to be bonded must be close fitting with no gaps or voids. If bonding to plastic roughen up surface for better adhesion to surface. Screw the cap and nozzle down all the way clockwise to tube shoulder, puncturing the tube. Remove the cap counter clockwise from the nozzle.

Application:

Apply Loctite Glass Glue sparingly to one material to be bonded. Use approximately one drop per square inch of surface. Press surfaces together immediately. Hold in place for 15 to 60 seconds until bond sets. Do not reposition parts. Leave parts undisturbed for at least 10 minutes or for best results leave overnight for full bond strength to develop. Wait 1 week before washing item in dishwasher. Clean nozzle tip with tissue and replace the cap, screwing on clockwise.

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 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.



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LABEL PRECAUTIONS

WARNING: EYE AND REPIRATORY IRRITANT. BONDS TO SKIN IN SECONDS. Contains Cyanoacrylate. Can cause severe eye injury. **Bonds skin instantly. Skin contact may cause burns.** Harmful if swallowed. May cause allergic skin reaction. May cause delayed irritation and sensitization. Use in well ventilated area. Avoid contact with skin, eyes, and clothing. **DO NOT TAKE INTERNALLY.** Wash thoroughly after handling. **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.**



WARNING: Reproductive Harm – www.P65Warnings.ca.gov

Refer to the 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. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. 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.



Trusted Performance. Proven Results. For over 50 years, Loctite Brand adhesives and sealants have taken on the toughest jobs. Used in race cars, airplanes, and even in the space-shuttle, Loctite provides solutions for the most demanding industrial, and consumer applications. Loctite gives you not the specialization, power and performance to not only get your job done, but to get it done right.

For Technical Assistance call : 1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET
www.loctiteproducts.com



Loctite Brand is part of the Henkel family of brands. Founded in 1876, Henkel is a global leader in the consumer and industrial businesses. Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies.

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