



TECHNICAL DATA SHEET

Revision: 05/01/2024
Supersedes: New
Ref. #: 464351

Super Glue Gel



DESCRIPTION

LEPAGE® Super Glue Gel 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 gel formula works on a variety of porous and non-porous surfaces and is ideal for vertical surfaces and small gaps. LEPAGE Super Glue Gel comes in a self-piercing tube, dries clear, and sets without clamping. It is also resistant to moisture, most chemicals, and freezing temperatures.

Available As:

Item #	Package	Size
2598079	Carded tubes	2 x 2mL

FEATURES & BENEFITS

- Gel formula
- No dripping
- Sets in seconds
- Ideal for vertical surfaces
- Dries transparent
- Self-piercing tube

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 acrylic, polycarbonate, polystyrene and PVC.

Testing for adhesion and suitable and acceptable results prior to use in entire project is recommended

LIMITATIONS

- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), silicone or foam rubber, polystyrene foams, glass, very soft leathers or pure bone china
- Do not use 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

TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	Colorless and clear	<u>Application Temperature:</u>	Apply above 10°C (50°F)
<u>Appearance:</u>	Gel	<u>Odor:</u>	Sharp, irritating (use in a well-ventilated area)
<u>Base:</u>	Ethyl cyanoacrylate	<u>Fixture Time:</u>	15 – 30 seconds*
<u>Viscosity:</u>	500.0 – 900.0 cps	<u>Handling Time:</u>	Leave undisturbed for at least 10 minutes. For best results, allow full bond strength to develop over night before handling
<u>VOC Content:</u>	< 2 % by weight	<u>Cure Time:</u>	12 – 24 hours*
	< 20 g/l		
	CARB		
	SCAQMD rule 1168		

**Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used.*



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Clean Up: Clean up uncured residue with acetone. Scrape away cured adhesive using a sharp-edged tool. Follow solvent manufacturer's precautions for using solvents.

Shelf Life: From date of manufacture (unopened):
24 months

Lot Code Explanation:

XYDDDX (printed on bottom of bottle)

X = Disregard

Y = Last digit of year of manufacture

DDD = Day of manufacture based on 365 days in a year

X = Disregard

Example: A3061A = 61st day of 2023 = March 2, 2023

Typical Cured Performance Properties

Color: Clear and Colorless

Service Temperature: Up to 82°C (180°F)

Cured form: Non-flammable, brittle solid

Moisture Resistance: Yes

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 are 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 message bonded fingers back and forth to "peel" bond apart. Use rolling, peeling motion – do not pull. Once apart use high moisture hand lotions to aid in removal of excess glue from skin. Keep in mind, adhesive may remain on fingers. With frequent use of moisturizing hand lotion, this will eventually be resolved over several days.

Preparation:

Surfaces to be bonded must be close fitting, clean, dry, free from oil, wax, and paint, and have sufficient bonding area. Protect work area. For best results, lightly roughen smooth surfaces. Pre-fit parts to be joined.

NOTE: To prevent accidental spillage, do not squeeze tube while removing cap to open.

Application:

In a clockwise direction, screw the cap and nozzle assembly down all the way to the tube shoulder, puncturing the tube. Remove the cap counterclockwise from the nozzle. Apply sparingly to one bonding surface only, using approximately one drop per square inch of surface. Press surfaces together immediately. Hold in place for 15 to 30 seconds until bond sets. Do not reposition parts. Clean tip with tissue paper and replace cap by twisting clockwise to close and seal. For increased strength leave bonded item undisturbed for at least 10 minutes. Full cure strength is reached in 24 hours.

Clean-up:

After cleaning, wet any tissue paper used for wiping off glue with water and dispose of. Clean up uncured residue with acetone. Follow solvent manufacturer's precautions for using solvents. Cured adhesive may be cut away with caution using a sharp blade. Note this may result in damage to surfaces.

STORAGE & DISPOSAL

Not damaged by freezing in the unopened container. 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 according to local governmental regulations for disposal.



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LABEL PRECAUTIONS

WARNING: Contains Cyanoacrylate. Can cause severe eye injury. Bonds skin instantly. Skin contact may cause burns. Harmful if ingested. May cause allergic skin reaction. May cause delayed irritation and sensitization. Use in a well-ventilated area. Avoid contact with eyes, skin and clothing. **Do not take internally.** Wash thoroughly after handling.

FIRST AID: In case of eye contact, immediately 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 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.

LIMITED WARRANTY

This product is warranted by Henkel Corporation to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty – express or implied – including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This Limited Warranty gives you specific legal rights, which vary from state to state. For warranty assistance, contact Henkel at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET.



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