



## Loctite® Super Glue Pro Gel

### DESCRIPTION

Loctite® Super Glue Pro Gel formula works on a variety of porous and non-porous surfaces and is ideal for vertical surfaces and small gaps. Loctite® Pro Gel dries clear, cures fast, and sets without clamping. It is also resistant to moisture, most chemicals, and freezing temperatures.

#### Available as:

Item #	Package	Size
2802445	Carded bottle	0.7 fl. oz. (20 g)

### FEATURES & BENEFITS

- Dries clear
- Sets in seconds; no clamping required
- No drip, gel formula is ideal for vertical surfaces

### RECOMMENDED FOR

Use for bonding leather, cork, paper, cardboard, wood, chipboard, metal, ceramic, rubber, and hard plastics such as acrylic, polycarbonate, polystyrene, and PVC.

### LIMITATIONS

- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), silicone or foam rubber, polystyrene foams, glass, 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

<u>Color:</u>	Clear and colorless	<u>Appearance:</u>	Gel
<u>Base:</u>	Ethyl Cyanoacrylate	<u>Shelf Life:</u>	12 months from date of manufacture (unopened)
<u>Specific Gravity:</u>	1.10	<u>Lot Code Explanation:</u>	YYDDD
<u>Viscosity:</u>	50,000 – 90,000 cPs		YY = Last two digits of year of manufacture
<u>VOC Content:</u>	< 2% CARB		DD = Day of year based on 365 days per year
	< 20 g/l SCAQMD method 316B		Example: 22060 = March 1, 2022 is the manufacture date

## TECHNICAL DATA

### Typical Application Properties

<u>Application Temperature:</u> Apply above 50°F (10°C)	<u>Odor:</u> Sharp irritating (use in well-ventilated area)
<u>Set Time:</u> 15 - 30 seconds*	<u>Handling Time:</u> Leave undisturbed for at least 10 minutes. For best results allow full bond strength to develop overnight before handling.
<u>Full Cure Time:</u> 12 - 24 hours*	
<u>Clean Up:</u> Clean up uncured residue with acetone. Scrape away cured adhesive using a sharp-edged tool. Follow solvent manufacturer's precautions for using solvents.	

\*Time is dependent upon temperature, humidity, and depth of sealant applied

### Typical Cured Performance Properties

<u>Color:</u> Clear and colorless	<u>Service Temperature:</u> Up to 180°F (82°C)
<u>Cured form:</u> Non-flammable, brittle solid	<u>Water Resistant:</u> 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 bottle while removing cap to open.

#### Application Guidelines:

Twist cap counterclockwise and lift off. Squeeze the bottle to dispense one drop per square inch of one surface. Press surfaces together immediately. Hold in place for 15 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.

#### Clean-up:

After cleaning, wet any tissue 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 AND DISPOSAL

**Not damaged by freezing** in the unopened container. Optimal shelf life is achieved when unopened container is stored between 36°F and 46°F (2°C to 8°C). After opening container, the product should not 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: IRRITANT.** 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 a well-ventilated area. Avoid contact with eyes, skin, and clothing.

**FIRST AID:** For eye contact, flush with water for 15 minutes; call a physician. For skin contact, or if spilled on clothing flush with large quantities of 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

## LIMITED WARRANTY

This product is warranted 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. Henkel may be contacted at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET for warranty assistance.

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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.



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[www.loctiteproducts.com](http://www.loctiteproducts.com)



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