

## PATTEX SUPER GLUE LIQUID

### DESCRIPTION

**Pattex Super Glue Liquid** has proven superior performance over ordinary super glues. The liquid formula works well on a variety of porous and non-porous surfaces and close fitting repairs it flows into the smallest cracks, leaving no trace. Liquids generally dry faster than gels. It dries clear and sets without clamping. Pattex Super Glue Liquid is resistant to moisture and freezing temperatures. Solvent-free and easy-to-use for a strong bond – whether in an emergency or for daily use.

IDH	Packaging type	Size
2751607	Blister	3g

### FEATURES & BENEFITS

- Sets in seconds
- Flows into the smallest of cracks
- Solvent free
- Invisible repairs
- Dishwasher safe
- Dries Transparent
- Self-Piercing Tube

### RECOMMENDED 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.

### FOR BEST RESULTS

- 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 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



\* Do not use on PE, PP and PTFE

## TECHNICAL DATA

### Typical Uncured Physical Properties

Color	Clear and Colorless
Appearance	Liquid
Adhesive Base	Ethyl cyanoacrylate
Odor	Sharp, irritating (use in a well-ventilated area)
Specific Gravity	1.05
Flashpoint	176°F (80°C) to 200°F (93°C)
VOC Content	< 2 % by weight CARB < 20 g/l SCAQMD rule 1168
Shelf Life	24 months
Lot Code Explanation	#YDDDX # = Disregard Y= Last digit of year of manufacture DDD= Day of manufacture based on 365 days in a year XX = Disregard Example: 6061 = 61st day of 2016 = March 2, 2016

### Typical Application Properties

Application Temperature	Apply above 50°F (10°C)
Set 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.
Full Cure Time	12 to 24 hours* <small>*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used</small>

### 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 Shear Strength	Varies from 1450-2900 psi (10-20 N/mm <sup>2</sup> ) ISO 4587
Aluminum	2248 psi minimum (15.5 N/mm <sup>2</sup> ) 12-24 hours cure, depending on the substrate

## TOOLS TYPICALLY REQUIRED

Tissue paper.

## SAFETY PRECAUTIONS

Use in a well-ventilated area. Protect work area. Wash hands after use.

## PREPARATION

Surfaces to be bonded must be close fitting, clean, 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

Screw on nozzle assembly clockwise to pierce metal seal. Remove cap counter-clockwise, holding nozzle base. Apply the adhesive sparingly to one surface only using approximately one drop per square inch of surface. Press surfaces together immediately. Hold in place for 10 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. For increased strength, leave bond undisturbed for at least ten minutes. Full cure in 24 hours. **Note:** Cure time is dependent upon temperature, humidity, porosity of surfaces and amount of adhesive applied.

## 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.

## 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 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. 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.