



## Technical Data Sheet

### Permatex<sup>®</sup> Super Glue

#### PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex<sup>®</sup> Super Glue is a one-component, solventless, instant adhesive based on cyanoacrylate resin. It is fast setting and cures at room temperature.

#### PRODUCT BENEFITS

- Ready to use
- No mixing
- Sets in seconds
- Permanent, transparent bond
- Fills gaps to .004"
- Non-flammable
- Works on metals, alloys, plastics, vinyl, rubber and ceramics

#### TYPICAL APPLICATIONS

- Automotive trim
- Logos
- Knobs
- Gear shift logos
- Minor interior repairs
- Nameplates
- Radio speaker grills

#### DIRECTIONS FOR USE

1. Both surfaces must be smooth, clean, dry and free of oil, grease, etc.
2. USE EXTREME CARE WHEN OPENING. Hold bottle upright, pointing away from face. Remove nozzle.
3. Apply adhesive to one surface, about one drop per square inch. Spread evenly.
4. Immediately place the second surface in contact with the first surface and press together.
5. Keep light pressure on surfaces for 15 seconds or until bond sets.
6. Allow to completely harden, for best results, overnight.

NOTE: Not suitable for untreated polyethylene or polypropylene products.

#### Bond Durability

Bond durability is affected by surface conditions, bond areas, service temperature, environment and stress. Each application must be evaluated individually. Moisture and temperature resistance is dependent on the surfaces bonded.

#### For Cleanup

1. For skin adhesion, first immerse the bonded surfaces in warm, soapy water. Peel or roll the surfaces apart with the aid of a blunt edge (spatula, teaspoon handle or similar). Then remove the dried adhesive from the skin

with soapy water. **Do not try to pull surfaces apart with direct opposing action.**

2. To remove from hard surfaces such as Formica<sup>®</sup>, saturate a soft cloth or paper towel with the acetone and allow it to rest on the spot for about 10 – 15 minutes. After the Super Glue is removed, a white or light colored spot may be left which is easily removed by applying mineral oil or olive oil to the spot to restore the color.
3. Clean hands with Permatex<sup>®</sup> brand hand cleaners.

#### PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Cyanoacrylate Resin
Appearance	Colorless liquid
Odor	Mild Pungent
Specific Gravity	1.05
Viscosity, cP	40
Flash Point, (TCC) °F	>200

#### TYPICAL CURING PERFORMANCE

Permatex<sup>®</sup> Super Glue cures on exposure to moisture. Fixture time is 15 – 30 seconds and full cure within 24 hours. Temperature range of cured material is –65°F to +180°F. The thinner the Super Bonder is applied, the stronger the bond. The better the “fit” between the surfaces, the better the bond. Set up time varies depending on the type of surface.

#### GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).**

#### ORDERING INFORMATION

Part Number	Container Size
49450	1.0 oz. bottle

#### STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

#### NOTE

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control.