



## Product Description

SUPER GLUE GEL is a cyanoacrylate-based adhesive developed for gluing requiring high cure rates and excellent resistance. The curing process begins when a thin layer of adhesive is applied between the surfaces, coming in contact with the humidity of the atmospheric air. Adheres to a wide variety of metals, plastics, rubbers, wood, porcelain, leather and other materials.

Ideal for adhesion in porous materials and with large gaps. It does not leak, so it can be applied in the vertical position, as it allows the positioning of the pieces to be glued.

## Physical Properties

<b>Chemical basis:</b>	Ethylcyanoacrylate
<b>(Visual) appearance:</b>	Gel
<b>Viscosity at 77°F:</b>	100,000–200,000 cps
<b>Density at 77°F:</b>	8.76–8.9 lb/gal
<b>Flash point (TCC):</b>	>176°F
<b>Storage life at 43°F:</b>	12 months
<b>Operating temperature:</b>	-67 to 176°F
<b>Gap Filling:</b>	0.024 in
<b>Shear strength (Steel x Steel):</b>	≥ 1422 lbf/in <sup>2</sup>
<b>Total cure:</b>	24 hours

## Instructions for use and handling

For a satisfactory result, the surfaces must be clean, free of oil and dirt.

A thin layer of adhesive must be applied to only 1 (one) of the substrates to be glued, since the excess impairs the good gluing performance.

After application of the adhesive, the parts should be pressed against each other for approximately 20 seconds, when the initial cure is complete and the part can be handled safely. The total cure will occur in 24 hours.

Does not adhere to plastics based on polyolefins (PP), silicone and Teflon\* (\*Trademark of DuPont). For handling product, we recommend to use PPE. For further safety information, see the product's MSDS.

## Storage instructions

For short-term storage of the products, it is recommended to keep them in a dry place and refrigerated between 35.6°F and 70°F for sealed packages. After opening the package, it is advisable to keep refrigerated to prolong its shelf life. The ideal storage condition is obtained in dry environments between 37.4°F and 43°F. Non-flammable product.

## General information

Avoid contact between the product and water, as exothermic reaction occurs (with release of heat) and in large quantities will form toxic and irritating gases that may cause burning in contact with the skin and eyes. Do not inhale the cyanoacrylate adhesive, because it is an irritant.

In case of spill or leak, pour water at a safe distance, wait 30 minutes and after this time scrape the site with a sharp object or metal spatula. Do not clean with absorbent paper or tissue.

Use of instant bonder is not recommended in very humid environments, as adhesion may be compromised.

## Available packages

Available in 0.11oz aluminum tube in blister pack.

**IMPORTANT:** The information contained in this Technical Data Sheet was obtained from reputable sources. Neither Tekbond nor its brands are responsible for the use of the information or for the use, application or processing of the product described herein. Users shall be aware of possible risks arising from improper use of the product. Material supplied by its exporter.