



## Product Description

Super Glue Tekbond 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. It has low viscosity and a general purpose adhesive. Adheres to a wide variety of metals, plastics, rubbers, wood, porcelain, leather and other materials.

## Physical Properties - Liquid

<b>Chemical basis:</b>	Ethylcyanoacrylate
<b>(Visual) appearance:</b>	Colorless to slightly yellowish liquid
<b>Viscosity at 77°F:</b>	40–60 cps
<b>Density at 77°F:</b>	8.68–8.85 lb/gal
<b>Flash point (TCC):</b>	>176°F
<b>Storage life at 43°F (months):</b>	24 months aluminum tubes
<b>Soluble in:</b>	MEK, Acetone, Nitromethane.

## Physical Properties - Cured

<b>(Visual) appearance:</b>	Colorless Solid
<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

### Curing time on other substrates

Substrate	Time (seconds)	Substrate	Time (seconds)
ABS x Steel	≤ 20	PVC	≤ 15
Steel x Still	≤ 15	Leather	≤ 15
NBR x Steel	≤ 15	Wood x Wood	≤ 30
ABS x ABS	≤ 15	NBR x NBR	≤ 20
ABS x NBR	≤ 20	ABS x Wood	≤ 15

**Note:** The curing time is influenced by several factors: type of substrate used, surface conditions, atmospheric conditions, cleanliness, amount of play between the parts, etc.

When the curing time is too long due to large gaps between the parts or low relative humidity, it is necessary to use an accelerator before applying the product. We recommend prior testing to confirm the result obtained.

### 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.

This adhesive is indicated for gaps up to 0.024 in.

If excess adhesive must be cleaned, this should be done with acetone or MEK (methyl ethyl ketone). Does not adhere to plastics based on polyolefins (PP), silicone and Teflon\* (\*Trademark of DuPont). For this type of bonding, use TEK BOND polyolefin Primer.

For handling product, we recommend to use PPE. For further safety information, see the product's MSDS.

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## Storage instructions

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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.

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## General information

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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.

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## Available packages

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Available in 0.18oz plastic bottle in blister pack.

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**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,



DATA SHEET  
**SUPER GLUE 0.18oz**

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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.