

## TECHNICAL DATA SHEET

Trutite 919 is a transparent, colourless, low viscosity, general purpose ethyl-based super glue offering fast bonding [5-20 secs fixture time]. Trutite 919 is able to bond a wide range of materials, including most plastics, rubbers and metals for instant repairs

- General purpose
- Low viscosity
- 10 - 20 secs. fixture time
- Colourless and transparent
- Offers fast bonding on a wide range of materials

### PRODUCTION INFORMATION:

Application Method	Manual
Applications	ABS, Dense Hardwoods, Porcelain, Glass, Steel, Aluminium and Rubber
Colour	Clear
Cure Type	Moisture Cure
Fixture Time	10 - 20 seconds
Gap Fill	0.12 mm
Operating Temperature	-40.0°C - +120.0 °C
Physical Form	Liquid
Shear Strength - Mild Steel	14.2 N/mm <sup>2</sup> [2060.0 psi]
Composition	Ethyl Cyanoacrylate, Hydroquinone
Viscosity	20-60.0 mPa·s [cP]
Pack Size	20g
Full Strength Drying/ Curing Time	24 - 72hours

### DIRECTIONS FOR USE:

Before use, read MSDS

1. All contact areas should be clean and free from grease and dirt. if necessary clean all surfaces with a cleaning solvent and allow to dry. Skin contact should be avoided, please undertake necessary precautions, it is recommended to use nitrile gloves (avoid latex), which may accelerate glue curing

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2. To improve bonding on low energy plastic surfaces, primer may be applied to the bond area. Avoid applying excess primer. Allow the primer to dry
3. An activator may be used if necessary. Apply it to one of the contact surfaces (do not apply activator to the primed surface where primer is also used)
4. Apply adhesive to one of the bond surfaces (do not apply the adhesive to the activated surface). Do not use materials such as a tissue or a brush to spread the adhesive, carefully apply drops from the container only. Marry the parts to be bonded within a few seconds. The parts should be accurately located, as the short fixture time leaves very little opportunity for minor adjustments
5. Bonds should be held fixed or clamped until adhesive has bonded, around 60 seconds should be suitable
6. Product should be allowed to develop full strength before subjecting to any service loads (typically 24 to 72 hours after assembly, depending on bond gap, materials and ambient conditions)
7. When complete affix the lid back on to the container and store in a cool, dry place

### Storage

Store product in the unopened container in a cool, dry location

Optimal Storage: 10 °C to 30 °C. Storage below 10 °C or greater than 30 °C can adversely affect product properties

Material removed from containers may be contaminated during use. Do not return product to the original container

Never use for repairing/ bonding vessels that hold hot liquids

Product life is 18 months from manufacture

### Disclaimer

The information provided including the recommendations for use and application of the product are based on our knowledge and experience of the TruTite 919 Super Glue product as at the date of this TDS. The product can be used for multiple situations as well as differing application and working conditions in your atmosphere that are beyond our control. Plumbing and Heating Distribution Ltd are not liable for the aforementioned scenarios of our product, as well as the intended results on differing substrates. We strongly recommend that you carry out your own trials to confirm successful use of TruTite 919 Super Glue. Any liability in respect of this data sheet or any other written or oral recommendation(s) regarding the concerned product is excluded