

Liquid Properties

Chemical Base	Ethyl cyanoacrylate
Appearance: Specific	Clear/cloudy liquid
Gravity (25°C)	1.06 g/cm ³
Viscosity (25°C) [Brookfield RV]	1800-2500 mPa [Thixotropic]

Bonding Speed

Defined as the time taken to develop a strength of 0.1 N/mm² at 22°C and 50% relative humidity.

White Oak	30-60 seconds
Hard Maple	30-50 seconds
Cherry	30-60 seconds
Balsa Wood	<10 seconds
MDF	60-120 seconds
Polycarbonate	20-30 seconds
Steel	20-30 seconds
Neoprene	15-25 seconds

Bonding Performance

2x More durable than standard CA's

Repositionable on hardwoods and MDF

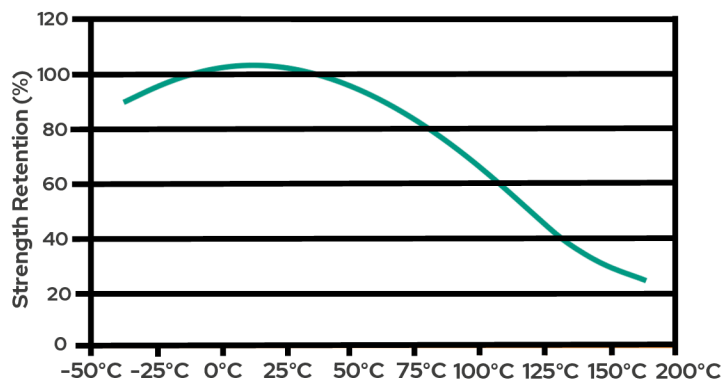
40% stronger than traditional wood glues

Lap shear strength according to ISO 4587

Steel White	15-25 N/mm ² 7-10
Oak Hard	N/mm ² (SF) 7-10
Maple	N/mm ² (SF)
Polycarbonat	5-10 N/mm ² (SF)
e Neoprene	8-12 N/mm ²

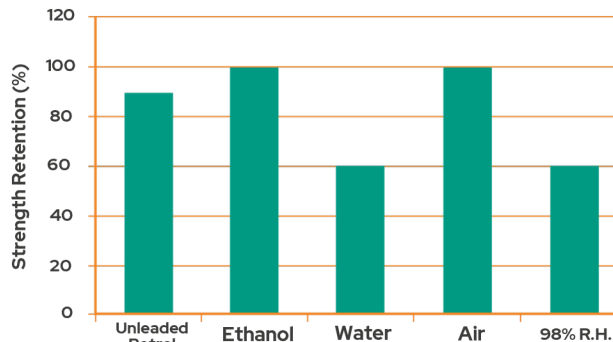
Tempurature Resistance

Tested on mild steel, cured for 24-hours and conditioned to test temperature for 1 hour prior to pull test.



Enviro-Chemical Resistance

Exposed to conditions for 1,000 hours at 22°C except for 98% RH that had an exposure of 42°C.



Storage Conditions

Recommended Storage Temperature is 2-10 °C. Maximum storage temperature is 25°C. Shelf life at the recommended temperature (unopened) is 18 months.

HDPE containers do not offer a complete barrier, store product away from other chemicals and sources of humidity. Strong light exposure can discolor products.

Note:

The data contained herein are 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. It is the user's responsibility to determine the suitability for use in their specific application. Gluemasters recommend each user test their proposed application before repetitive use, this data sheet is merely a guide. Gluemasters accepts no liability arising out of the use of this information of the products described herein.