



CHASBKARAN SAHELE ARAS CO.

# TECHNICAL DATA SHEET

## FINAL SUPERGLUE

A general industrial grade based on Ethyl Cyanoacrylate adhesive with fast setting, and good flow ability.

### PROPERTIES

- Immediate bond.
- Very high bond strength after a few seconds.

### APPLICATIONS

- Suitable for glass, rubber, metals, ceramic and many plastics.
- Immediate bond.
- Very high bond strength after a few seconds.

Product	Weight	Package
Super Glue	3gr	3000
Super Glue	25gr	36
Super Glue	50gr	160

### STORAGE AND SHELF LIFE

12 months in unopened packaging in a dry and cool storage place at temperatures between +5°C and +25°C.

### TECHNICAL PROPERTIES

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Color	: Colorless
Application Temperature	: +5°C to +35°C
Density	: 1.10 g/ml
Flashpoint	: 80 - 93.4 °C
Viscosity	: 10-25 mPa's

### BONDING SPEED

EPDM	<5 seconds
Neoprene	<5 seconds
Nitrile Rubber	<4 seconds
Balsa Wood	<2 seconds
ABS	10-15 seconds
Polycarbonate	10-30 seconds
Steel	25-40 seconds
Aluminum	20-30 seconds



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## **BONDING PERFORMANCE**

Tensile strength according to ASTM D412.

EPDM	2-6 N/mm <sup>2</sup>
Neoprene	5-15 N/mm <sup>2</sup>
Nitrile Rubber	5-15 N/mm <sup>2</sup>

Lap shear strength according to ISO4587.

Steel	15-25 N/mm <sup>2</sup>
Aluminum	7-10 N/mm <sup>2</sup>
Nitrile Rubber	5-10 N/mm <sup>2</sup>
Polycarbonate	5-10 N/mm <sup>2</sup>
ABS	6-10 N/mm <sup>2</sup>

## **RESTRICTIONS**

- Cyanoacrylates should ideally be stored in original sealed containers until used.
- Avoid exposure to strong light and heat sources.
- Cyanoacrylates can bond to skin within seconds.
- Do not drip into skin or into eyes -can cause serious injury to your eyes.
- Use with proper ventilation. Avoid contact with skin and eyes.
- If contact with skin occurs, rinse with warm water or dissolve gradually with solvent such as acetone, or nitro methane. Do not try to remove forcibly.
- If adhesive gets into eye, keep eye open and rinse thoroughly. Seek medical attention immediately.
- Keep well out of reach of children.
- Keep adhesive in a cool, dry place 20-25°C.

## **SAFETY**

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool.