

# SUPERBONDER PC 495 #2484

High Strength Super Glue



## Features:

- Quick and easy to use
- No clamping
- No mixing
- Military Specs: Conforms to MIL-A-46050C, Type II, Class 1

## Description:

SUPERBONDER PC 495 is a low viscosity, instant adhesive that cures on contact at room temperature. This general purpose adhesive is perfect for general maintenance and repair on rubbers, metals and plastics. It is quick to use with no clamping, no mixing and no waiting.



## Applications:

- Neoprene Rubber
- Steel & Aluminum
- Nitrile Rubber
- Plastic & Ceramic
- Magnets
- PVC
- Metal
- Polycarbonate
- Glass

## Product Characteristics:

Appearance:	Clear, liquid
Odor:	Characteristic
Viscosity Dynamic at 20°C (68°F):	50 mPas
Viscosity (cP @68°F):	50 mPas.
Boiling Point/Range:	≥ 60°C (≥ 140°F)
Melting Point/Range:	Undetermined
Density at 20°C (68°F):	~ 1.05 g/cm <sup>3</sup> (~ 8.76225 lbs/gal)
Solubility (water):	Not miscible or difficult to mix
Solids Content:	0.1%
Flash Point:	87°C (188.6°F)
Auto-Ignition Temp:	Product is not self-igniting
VOC Content:	0.0% (~ 0.0 g/l / ~ 0.00 lb/gal)
Storage:	Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.
<b>Transport Information:</b>	
Proper Shipping Name:	Combustible Liquid, N.O.S
UN Number:	NA1993
Class:	Not regulated
Packing Group:	III

## Directions:

Use on clean surfaces. Apply adhesive sparingly to one surface. Assemble and apply pressure until set.

Cure times may vary based on the material being bonded. Typically, fixture is achieved in less than 20 seconds.

## Curing Properties:

Ambient surface moisture will initiate the hardening process. Handling strength is reached in a short period of time and varies depending on environmental conditions and substrates being bonded. Product will continue to cure for at least 24 hours before full strength and resistances are developed.

## Curing Performance:

The gap of the bond line will affect set speed. Smaller gaps tend to increase the speed. Activators can be applied to improve set speed but may also impair overall adhesive performance.

## Product Properties:

Tensile Strength:	3200 psi
Full Cure Time:	24 hours @ 68°F
Base Compound:	Ethyl cyanoacrylate
Shelf life:	12 months at 40°F (unopened)
Operating Temp:	-65°F to +200°F
Resin (Base Compound):	Ethyl cyanoacrylate

## DOT Placard:

Not regulated.

## VOC Compliant:

Yes.

## Pictograms:



## Signal Word:

WARNING.

## Personal Protective Equipment Required:

