

### SUPER GLUE PART NOS. 143415, 143432

#### PHYSICAL PROPERTIES

##### MONOMER (Uncured)

Base Compound ..... Ethyl Cyanoacrylate  
 Appearance..... Clear  
 Viscosity (cps @ 68°F) ..... 100 +/- 20 cPs  
 Specific Gravity (g/cc)..... 1.06  
 Flash Point..... 185°F (85°C)  
 Shelf Life ..... One year in unopened containers  
 Storage Condition.... 60°F – 77°F (15.5°C – 25°C)  
 ROHS Compliant..... Yes

##### POLYMER (Cured)

Full Cure Time.....24 Hours  
 Appearance..... Clear  
 Service Temp Range..... -67°F-203°F(-55°C-95°C)  
 Specs ..... Mil-A-46050C, Type II Class II,  
 ..... A-A-3097, Type II Class 2



#### DESCRIPTION

*Dynatex® Super Glue* is a fast setting, low to medium viscosity cyanoacrylate adhesive designed to bond close fitting surfaces quickly. *Dynatex® Super Glue* offers viscosity and flow characteristics that are ideal for filling small gaps. Sets in seconds to form a permanent, transparent bond. Effective on metal, rubber, glass aluminum, ceramics, vinyl, alloys, plastics and other non-porous surfaces.

#### FEATURES

- Ready to use
- No mixing
- Permanent, transparent bond
- Fills gaps to .004"
- Holding strength to 5000 psi

#### TYPICAL APPLICATIONS

- Automotive trim
- Minor interior repairs
- knobs
- Logos
- Household repairs and more...

#### PERFORMANCE OF CURED ADHESIVE

Substrate	N/mm <sup>2</sup>	PSI
Steel	13.8 to 20.1	2000 to 2920
Rubber*	14.3 to 15.2	630 to 2200
AL	12.6 to 15.8	1830 to 2290
PC**	17.9 to 22.9	2590 to 3320
PVC**	14.2 to 23.4	2065 to 3400
ABS**	15.1 to 16.4	2185 to 2375

\*Rubber figures given are typical. Your results may vary by specific rubber type.

\*\*Tested to ASTM 4501

#### Packaging

Colors: Clear

Size: 3g Tube, 20g Bottle

## SOLVENT RESISTANCE

Solvent	Example	Resistance
Alcohol	Ethanol, Methanol	+++
Ester (aromatic)	Ethyl acetate	---
Ketone (aromatic)	Acetone, Benzophenone	---
Aliphatic hydrocarbon (alkanes)	Petrol, Heptanes, Hexane	++-
aromatic hydrocarbons	Benzyl, Toluol, Xylol	++-
Halogenated hydrocarbons	Methylenchloride, Chloroform, Chlorobenzol	---
Weak aqueous acid	Nitrite, muriatic acid, sulphuric acid, phosphoric acid	+++ (--- if concentrated)
Weak aqueous base	Sodium hydroxide solution, caustic potash	+++ (--- if concentrated)

## GENERAL INSTRUCTIONS

Surfaces to be bonded should be clean and dry. Dispense a drop or drops to one surface only. Apply only enough to leave a thin film layer after compression. Press parts together and hold firmly for a few second. Good contact is essential. An adequate bond develops in less than one minute and maximum strength is attained in 24 hours. Wipe off excess adhesive from the top of the container and recap. If left uncapped, may deteriorate by contamination from moisture in the air. *Dynatex® Super Glue* cures by polymerization, whitening may appear on the surface of the container or the bonded materials. This will not affect adhesive performance.

## CURING PERFORMANCE

Ambient surface moisture initiates the curing process. Handling strength is reached in a short time, and will vary based on environmental conditions, bond line gap, and other factors. Product will continue to cure for at least 24 hours before full strength and solvent resistance is developed.

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 77°F (25°C), *Dynatex® Super Glue* has a shelf life of 12 months from date of shipment.

In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

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