

SUPER GLUE GEL PART NO. 143435

PHYSICAL PROPERTIES

MONOMER (Uncured)

Base Compound Ethyl
Appearance Gel
Viscosity..... 11000 +/- 1500 cPs
Specific Gravity (g/cc) 1.06
Flash Point 185⁰F (85⁰C)
Shelf Life..... 1 year in unopened containers
Storage Condition 60⁰F (15.5⁰C)
Plastic/Plastic 25seconds
RoHS Compliant Yes

POLYMER (Cured)

Appearance Gel
Service Temp Range -67⁰F to 203⁰F
..... (-55⁰C-95⁰C)
Full Cure Time 24 Hours



DESCRIPTION

Dynatex® Super Glue Gel is an instant-bonding adhesive in a gel form designed to bond close fitting surfaces quickly. Sets in seconds to form a permanent, transparent bond. Supplied as a gel, *Dynatex® Super Glue Gel* may be used on vertical, overhead and hard to reach surfaces. It is effective on metal, rubber, glass, aluminum, ceramics, vinyl, alloys, plastics and other non-porous surfaces.

FEATURES

- Useful on vertical and overhead surfaces
- No drip, high performance gel formula
- Ready to use
- No mixing
- Permanent, transparent bond
- Fills gaps

TYPICAL APPLICATIONS

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

PERFORMANCE OF CURED ADHESIVE

Substrate	N/mm ²	PSI
Steel	13.8 to 18.8	2000 to 2730
Rubber*	14.3 to 15.2	630 to 2200
AL	10.4 to 13.2	1510 to 1920
PC**	22.3 to 24.9	3240 to 3605
PVC**	18.3 to 26.7	2660 to 3875
ABS**	12.0 to 18.3	1740 to 2660

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

**Tested to ASTM 4501

Packaging

Colors: Clear

Size: 2g Tube Carded

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 Gel* 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 90°F (32°C), *Dynatex® Super Glue Gel* 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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