

Superglue

Cyanoacrylate Adhesive

Description

Superglue is a medium viscosity ethyl cyanoacrylate adhesive. It gives fast cures on the majority of industrial substrates and is particularly suitable for ceramics, wood, plastics, rubber, metal, textiles, leather, etc.

Superglue is a single component, easy to use and cures very rapidly at room temperature. It has excellent humidity resistance and maintains its strength at low temperatures. The product is solvent free and cures fully, leaving no residue and may be used in conjunction with an appropriate primer.

General Characteristics:

Appearance:	Colourless
Corrosivity:	None
Flashpoint:	Greater than 85°C
Gap Filling Capacity:	Up to 0.1mm
Shelf Life:	Greater than 12 Months
Specific Gravity:	1.05
Toxicity:	Non Toxic
Type:	Ethyl
Viscosity:	100 mPa.s @ 25°C
Vapour Pressure:	Low

Performance Characteristics:

Substrate	Rate of Cure
Rubber: Nitrile, N-Butyl, Neoprene	1 - 5 seconds
Metals: Aluminium, Mild Steel Galvanized Steel	5 - 30 seconds
Plastics: PVC, ABS, PMMA, Polycarbonate, Phenol formaldehyde.	2 - 20 seconds
Tensile Strength:	250 DaN/cm(2)
Tensile Shear:	130-175 DaN/cm(2)
Max/Min Temp:	-60°C to +90°C

How to Use

Degrease surfaces thoroughly. Apply a drop of **Superglue** to one of the surfaces to be bonded. Assemble immediately, light contact pressure is needed to prevent movement and minimize bond gap. Cure can be achieved within 10 seconds in most cases.

Storage

Store products out of sunlight in original container. Do not mix used product with unused product. The expected shelf life is at least 6 months stored at room temperatures between 5°C and 25°C. If stored at 0°C to 5°C shelf life can be increased to >12 months.

Health and Safety

Bonds skin and eyes in seconds. In the event of bonded skin, soak with soap and water and gently peel apart with a blunt object. Avoid prolonged contact with skin especially if sensitive, bruised or lacerated. Wash splashes of adhesive off skin with soap and water. Eyes should be protected from inadvertent splashes. In case of eye contact flush immediately with water and seek medical attention. If large amounts of adhesive are spilled onto certain materials such as paper or cotton very rapid curing takes place. Contaminated clothing should therefore be removed as soon as possible to avoid possible burns to skin.

PACK SIZE:- **Superglue** is available in 20g, 50g and 500g bottles. New 10g pen

Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it, and that the actual conditions of use are suitable.

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