

**DESCRIPTION:**

An economic, medium viscosity, ethyl cyanoacrylate adhesive.

ADINO SUPERFIX SF100 is a rapid curing adhesive specially formulated to give good adhesion to most rubbers and plastics. Good humidity resistance of cured adhesive. Excellent adhesion to EPDM & SBR rubbers.

USES:

Bond It **ADINO SUPERFIX SF100** can be used for bonding:

- synthetic rubber gaskets in glazing systems.
- assembly of rubber bush systems.
- timbers.
- many plastics.

APPLICATION:

All surfaces must be clean, dry and grease free. Apply adhesive to one surface only. Bring components together immediately. **ALIGN PERFECTLY - Once joined components cannot be repositioned.**

Maintain light pressure without movement of joint for at least 5 seconds, do not handle until bonding time stated above has expired.

As the polymerization of cyanoacrylates is initiated by moisture from the atmosphere best results will be obtained if the relative humidity is in excess of 50%. Higher levels of humidity reduce the opportunity for monomer evaporation thus limiting fume build up. If bonding is continuous process good ventilation must be ensured.

BONDING TIMES:

Ambient conditions - room temperature 20°C/ 60% RH:

Plastics 5-30 seconds Rubbers 1-15 seconds

LIMITATIONS:

Not suitable for permanent glass bonding.

Oily or greasy surfaces cannot be bonded. Olefinic or fluoro polymers may require specialised bonding techniques.

**STORAGE CONDITIONS:**

Store in a closed upright container between 20 and 25°C in dry dark conditions. Uncapped containers will absorb moisture from the air and will deteriorate in performance rapidly. At low temperatures the shelf life will be prolonged (see below).

SHELF LIFE:

Stored at 5°C shelf life will be up to 12 months. Stored between 20 and 25°C shelf life will be reduced to 6 months.

DISPOSAL OF CONTAINERS:

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

HEALTH & SAFETY:

Cyanoacrylate

Danger

Bonds skin and eyes in seconds

- Flammable.
- Avoid eye contact. Will bond skin and eyes in seconds. In the event of contact wash with running water for 15 minutes and seek medical attention.
- Ensure good ventilation.
- Avoid contact with skin. Wear Gloves.
- Drench with water, do not touch anything. Do not try to pry apart. It is probable that natural skin oils will cause the bond to fail. If glued skin remains stuck seek medical advice
- Thoroughly wash hands with soap and water after use.
- Keep out of reach of children.
- See separate material safety data sheet for full handling, use and storage.

**SPECIFICATION SUMMARY:**

Chemical Composition	Ethyl Cyanoacrylate
Flash Point	>80°C
Flammability	Capable of combustion
Boiling Point	65/6mm Hg
Soluble in Water	No; Polymerizes
Soluble in Acetone	Yes; Miscible
Appearance	Colorless liquid of low viscosity
Viscosity	80 - 120 p
Specific Gravity (@20°C)	1.1 - 1.3g/ml

CURED ADHESIVE

Gap Filling	Not suitable
Service Temperature Range	-55 to +80°C

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