



Never compromise on quality!



GLUES & ADHESIVES RANGE

# SUPERGLUE

## RGC24 Medium Viscosity Adhesive

### Description

*An economic, medium viscosity, ethyl cyanoacrylate adhesive.*

RGC24 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 RGC24 SUPERGLUE 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 polymerisation 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 prise 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; Polymerises
Soluble in Acetone	Yes; Miscible
Appearance	Colourless liquid of low viscosity
Viscosity	80 - 120 p
Specific Gravity (@20°C)	1..1 - 1.3g/ml
<b>CURED ADHESIVE</b>	
Gap Filling	Not suitable
Service Temperature Range	-55 to +80°C

Bond strength and cure speeds on specific materials are available from our technical department

### Container Sizes:

<b>Code:</b>	RGC2420	RGC2450
<b>Size:</b>	20g	50g
<b>Barcode:</b>	5060021361103	5060021361110

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.*



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ISO 9001  
ISO 14001



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