

## Selleys Supa Glue

### Description

**SELLEYS Supa Glue** "INSTANT BONDING, NO CLAMPING REQUIRED" Bonds most non-porous materials. Sets within 10 seconds. (Maximum bond strength in 12 hours) Heat and water resistant. One drop holds one tonne, provided the bond area exceeds 650mm<sup>2</sup> and there is no gap between surfaces.

### Product Information

Packaging	Size	Colour
<b>Tube</b>	3mL	Slightly Yellowish
<b>Tube</b>	2g	Slightly Yellowish
<b>Tube</b>	1g X 3 pcs	Slightly Yellowish

### Uses

Supa Glue will bond non-porous surfaces, metals, rubber, some plastics and wood etc.

### Features

Special multi-purpose formula allows Supa Glue to bond a variety of surfaces.

- Quick setting.
- Dries clear, therefore no mess.
- No mixing required.
- No clamping necessary.
- Heat resistant: approx 80°C maximum.
- Non toxic when set.
- Water-resistant.
- Application range: -55°C to 75°C.

### Technical Details

Property	Typical Result
<b>Technology</b>	Cyanoacrylate
<b>Colour</b>	Clear to Slightly Yellowish
<b>Density</b>	1.06
<b>Tensile Strength</b> ASTM D-2095 Steel-to-steel	10-20 N/mm <sup>2</sup>
<b>Tensile Shear Strength</b> ASTM D-1002 Steel-to-steel	10-20 N/mm <sup>2</sup>
<b>Tensile Shear Strength</b> ASTM D-1002 Plastic, rubber, metal, wood.	0.1 N/mm <sup>2</sup> achieved in 10-40 seconds curing.
<b>Service Temperature</b>	-55°C to 75°C.
Indicative data only, not intended for preparation of specifications	

### Surface Preparation

Surfaces to be bonded should fit exactly and should be clean, dry and free of dust, dirt and grease.

### Directions for Use

- The seal at the end of the metal tube should be pierced carefully with the reverse end of the cap. Ensure that the tube is not squeezed while the seal is being pierced. Replace plastic nozzle.
- Apply a drop of Supa Glue to only one of the surfaces to be joined. Use sparingly. Do NOT spread. (Note: One drop covers an area 25mm x 25mm)
- KEEP FINGERS AWAY FROM EXCESS ADHESIVE SO THEY WILL NOT STICK TOGETHER.
- Quickly align both surfaces and apply slight pressure to ensure effective spreading and bond.
- Should you fail to align the surfaces correctly, do not attempt to re-align them and bond together again. Keep the surfaces apart and completely clean the surfaces with acetone. When dry, re-apply adhesive, re-align and bond again.
- Although the adhesive will grab after several minutes to provide sufficient bond strength for practical use, maximum bond strength is achieved after 24 hours.

### Clean Up

When removing Supa Glue from the skin, it is recommended that the skin be soaked in warm to hot water to allow easy removal.

To remove from substrates, it is recommended that the material be soaked in a solution of acetone and water (i.e. 3 parts acetone to 1 part water).

### Storage

Store in a cool dry place, away from direct sunlight and ensure tube is well sealed.

### Limitations

- Supa Glue is water resistant not waterproof. Continual exposure to moisture will weaken the bond.
- Supa Glue is not flexible and has low impact resistance.
- Supa Glue vapour can produce a whitening effect in enclosed spaces. To avoid this use in well-ventilated areas. The whitening effect can be removed by wiping with acetone. (First check that the solvent will not damage the surface.)
- Supa Glue's bond strength is excellent where surfaces to be bonded are a good fit.
- Supa Glue is not recommended for use on paper or leather nor on polyethylene, polypropylene or Teflon®. Supa Glue will not permanently bond glass or materials containing alkaline elements.

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## Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – [www.selleys.com](http://www.selleys.com)