



# Super Bond Ultra Gel

A non-sag rubber-toughened instant adhesive with excellent gap filling properties



## Features & Benefits

- Gap filling - the best choice for filling small cracks and holes
- Excellent impact strength - resistant to shocks and vibrations
- Non-sag gel - ideal for applications on vertical and overhead surfaces
- Strong performances - high tensile and shear strengths
- No blooming - for a perfect finish on visible repairs



P/N	Product	S/C	Packaging
86516	Super Bond Ultra Gel	KSBGU	20 g tube

## Application

Super Bond Ultra Gel is a fast-curing cyanoacrylate adhesive gel. It has been formulated to achieve high bond strength on a wide variety of materials, including metals, elastomers, plastics, wood, etc.

Super Bond Ultra Gel is the ideal choice for filling small cracks and holes. Super Bond Ultra Gel is a rubber-toughened adhesive, making it highly resistant to shocks and vibrations, e.g. for repairs on or nearby running machines, engines and pumps.

Super Bond Ultra Gel doesn't bloom or smell and is therefore well suited for cosmetic applications or where ventilation is limited.

## Instructions

1. For best results, surfaces to be bonded must be clean, free from dirt, waxes, oils, etc. using KENT Acrysol or Soft Surface Cleaner.
2. Protect your hands using KENT Super Bond Protect, to avoid fingers to stick together.
3. Apply sparingly to one surface only.
4. Bring the surfaces together immediately, taking care to ensure the correct alignment.
5. Apply firm pressure to ensure that the adhesive spreads into a thin film.
6. Do not disturb or re-align until the curing is achieved (normally in a few seconds).
7. For filling gaps, you might first have to cover the underside of the gap using KENT Plastic Backing Film, preventing the adhesive from flowing away. Apply Super Bond Activset to cure the exposed adhesive.
8. Any surplus uncured adhesive may be removed with KENT Super Bond Remover.
9. Wipe the tip clean and close cap after use, ensuring it is correctly secured.

Use Super Bond Activset to improve bond strength, e.g. for hard-to-bond materials, or to accelerate curing process. Please refer to the technical data sheet for the instructions for use.



## Technical Information

<b>Base:</b>	Ethyl cyanoacrylate
<b>Consistency:</b>	Gel
<b>Colour:</b>	Clear
<b>Shelf life:</b>	12 months (for increased shelf life, store in a dark and dry place at 5° C. Before the application, the unopened product should reach room temperature in order to optimise the adhesive strength and to protect the product against intruding air humidity)
<b>Custom tariff code:</b>	3506 10 00
<b>VOC:</b>	20 g/l
<b>Certifications:</b>	Food - NSF P1 159309

<b>Cure mechanism:</b>	Moisture	<b>Tensile strength:</b>	
<b>Specific gravity:</b>	1.06 g/ml	Steel:	> 18 N/mm <sup>2</sup>
<b>Viscosity (Brookfield):</b>	80000 - 120000 mPa.s	EPDM:	> 5 N/mm <sup>2</sup>
<b>Hardness:</b>	Rockwell M58	Nitrile Rubber:	> 5 N/mm <sup>2</sup>
<b>Temp resistance :</b>	-40° C to +85° C	Neoprene:	> 2.5 N/mm <sup>2</sup>
<b>Gap fill:</b>	max. 0.25 mm	<b>Shear strength:</b>	
<b>Fixture time:</b>		Steel:	> 15 N/mm <sup>2</sup>
Steel:	25 - 35 seconds	Aluminium:	> 10 N/mm <sup>2</sup>
Aluminium:	N/C	Nitrile Rubber:	> 10 N/mm <sup>2</sup>
EPDM:	< 7 seconds	Polycarbonate:	> 6 N/mm <sup>2</sup>
Neoprene:	< 5 seconds	ABS:	> 6 N/mm <sup>2</sup>
Nitrile Rubber:	< 5 seconds		
Wood (balsa):	< 5 seconds		
ABS:	N/C		
Polycarbonate:	10 - 25 seconds		
Leather:	N/C		
Cardboard:	N/C		

Thin bond lines provide higher cure speeds; increasing the bond gap will decrease the speed of cure. Higher relative humidity levels result in higher cure speed.

**Full strength achieved:** 24 hours



SDS available on [www.kenturope.com](http://www.kenturope.com)

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