



Super Bond Flex

A black rubber-toughened instant adhesive giving strong repairs on flexible materials



Features & Benefits

- Rubber-toughened - ideal for repairs which must remain flexible
- Good impact strength - resists vibrations and shocks
- Reduced dripping - for application on vertical surfaces
- Strong performances - high tensile and shear strengths
- No blooming - for a perfect finish on visible repairs
- Unique packaging - anti-clog twist cap and thin wall bottle for easy dispensing

P/N	Product	S/C	Packaging
86517	Super Bond Flex	KSBF	20 g bottle

Application

Super Bond Flex is a fast-curing rubber-toughened cyanoacrylate adhesive. It has been formulated to give a strong flexible repair on materials such as leather, rubber or any material that will be slightly bended or twisted. The flexibility also allows a good impact strength, which is ideal for repairs subject to vibrations and shocks, e.g. on or nearby running machines, engines and pumps.

The high viscosity of Super Bond Flex also allows a minimised dripping on vertical surfaces and larger gap filling, for the repair of small cracks and holes. Apply Super Bond Activator to cure the exposed adhesive. Super Bond Flex 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. Any surplus liquid adhesive may be removed with KENT Super Bond Remover.
8. Always close cap after use, ensuring it is correctly secured, and wipe the tip clean.

Use Super Bond Activator 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

Base:	Ethyl cyanoacrylate
Consistency:	Gel
Colour:	Black
Shelf life:	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)
Custom tariff code:	3506 10 00
VOC:	20 g/l

Cure mechanism:	Moisture	Tensile strength:	
Specific gravity:	1.06 g/cm ²	Steel:	N/C
Viscosity (Brookfield):	1000 - 3000 mPa.s	EPDM:	N/C
Hardness:	Rockwell M58	Nitrile Rubber:	N/C
Temp resistance :	-40° C to +105° C	Neoprene:	N/C
Gap fill:	max. 0.15 mm	Shear strength:	
Fixture time:		Steel:	N/C
Steel:	< 70 seconds	Aluminium:	N/C
Aluminium:	N/C	Nitrile Rubber:	N/C
EPDM:	N/C	Polycarbonate:	N/C
Neoprene:	N/C	ABS:	N/C
Nitrile Rubber:	< 40 seconds		
Wood (balsa):	N/C		
ABS:	< 40 seconds		
Polycarbonate:	N/C		
Leather:	N/C		
Paper:	N/C		
Full strength achieved:	24 hours		

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.



SDS available on www.kent europe.com

Terms and Conditions

No part of this publication may be reproduced, transmitted or stored, electronically, mechanically or photocopied without the prior permission of KENT (United Kingdom) Ltd. This data sheet and its contents (the "Information") belong to KENT (United Kingdom) Ltd., or are licensed to it. No license is granted for the use of it other than for information purposes in connection with the products to which it relates. No license of any intellectual property rights is granted.

The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error from or omission in it nor for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including

liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. KENT is the trading name of KENT (United Kingdom) Ltd.

Registered Office: Amber House, Showground Road, Bridgewater, Somerset, United Kingdom TA6 6AJ
All rights reserved

KENT (United Kingdom) Ltd, Forsyth House, Pitreavie Drive, Pitreavie Business Park, Dunfermline, Fife KY11 8US Tel : 0800 136925 or 01383 723344 between 08:30-17:30 Monday-Thursday, 09:00-15:00 on Fridays'. For out of hours queries please Fax us on 01383 735829 or Email: kentinfo.uk@kent europe.com

Rev: 05.12.2018