

# TECHNICAL DATA SHEET

## SX MITRE BONDING SYSTEM

SX Mitre Bonding System is a super strength bonding system that bonds MDF, soft woods, most plastics, rubber, wood to wood and many other substrates.

**PACKAGING**      1 x 12 Mitre Bonding System  
Each system contains:  
1 x 50gm High Viscosity Superglue and 1 x 200ml Activator

### USES

A handy kit for use in the trade, ideal for bonding wood mitres, rubbers, plastics and ceramics. SX Activator accelerates the curing speed of SX Superglue cyanoacrylate adhesive particularly on porous, acidic or difficult to bond surfaces or when ambient temperatures are low.

### PREPARATION

Ensure surfaces are clean and dry. Test the activator on a small part of PVCU in an area that cannot be seen.

### APPLICATION

Apply the SX Activator before applying the SX Superglue.

Hold the activator can approximately 20 cms away from surface before spraying. Do not spray for longer than 1 second, and spray onto one substrate only, and allow solvent to evaporate. Apply the superglue to the other substrate and bring together holding for approximately 10 seconds. Curing time is almost instant so exercise care when aligning.

### FINISHING

Take precautions not to spray activator near unused superglue as this will cause the adhesive to cure. Ensure surfaces are close fitting. This product is not suitable for permanent glass bonding, or applications where the joint may be immersed in water. It is the user's responsibility to dispose of all packaging correctly.

**SX MITRE BONDING SYSTEM TECHNICAL DATA SHEET CONTINUED****TECHNICAL DATA - SX ACTIVATOR****LIMITATIONS**

When applying protect from UV rays and do not expose to temperatures exceeding +50°C. Excessive use may discolour PVCu surfaces. A patch test on a hidden area is always recommended.

**HEALTH AND SAFETY****EXTREMELY FLAMMABLE****IRRITANT****DANGEROUS FOR THE ENVIRONMENT**

Contains: HEPTANE  
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))

Extremely flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. Keep container in a well-ventilated place. Keep away from sources of ignition – No smoking. Do not breathe vapour/spray. Avoid contact with skin. Wear suitable gloves. In case of insufficient ventilation, wear suitable respiratory equipment. Use appropriate containment to avoid environmental contamination. This material and its container must be disposed of as hazardous waste. Avoid release into the environment. Refer to special instructions/safety data sheets.

<b>TECHNICAL DATA</b>	<b>SX ACTIVATOR</b>
Appearance	Slightly off white/ amber
Cure Speed	Very Fast, usual <10 secs
Viscosity	<10cps
Gap Fill	Thick Superglues
Flash Point	<-40°C
Shelf Life	12 months, unopened
Max Operating Temperature	-5°C to +30°C

**SX MITRE BONDING SYSTEM TECHNICAL DATA SHEET CONTINUED****TECHNICAL DATA - SX SUPERGLUE****LIMITATIONS**

Ensure surfaces are degreased prior to bonding. Ensure surfaces are close fitting. This product is not suitable for permanent glass bonding, or applications where the joint may be immersed in water. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

**DANGER** – Superglue bonds skin and eyes in seconds. If accidental skin bonding happens wash with warm soapy water and prise skin apart using a blunt instrument (such as the handle of a teaspoon). In case of eye contact, bathe immediately with water and seek medical attention.

<b>TECHNICAL DATA</b>	
Base	Ethyl Cyanoacrylate
Colour	Transparent, colourless to yellowish coloured liquid
Specific gravity @ 25°C	1.05
Refractive Index (n D <sup>20</sup> )	1.439
Flash point	See MSDS
Vapour pressure (hPa)	<1
Viscosity (cP) 25°C	1200 - 1500
Shelf Life	12 months

**HEALTH & SAFETY****IRRITANT**

Irritating to eyes, respiratory system and skin. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Cyanoacrylate. Danger: Bonds skin and eyes in seconds. Keep out of the reach of children. Dispose of empty packaging correctly.

**STORAGE**

Store in a cool area out of direct sunlight. Refrigeration to 5°C gives optimum storage and stability.

**LIABILITY**

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Siroflex Limited cannot know all the uses its products may be put to, it is the users responsibility to determine suitability of use.

Full health and safety data information can be downloaded from [www.siroflex.co.uk](http://www.siroflex.co.uk)

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