

Cyanoacrylate Activator

Permabond
Engineering Adhesives

Features & Benefits

- 💧 Liquid or spray
- 💧 Quick & easy to use
- 💧 Activates difficult or porous surfaces
- 💧 Improves adhesive gap fill

Description

Permabond® C Surface Activator (CSA) is used in conjunction with Permabond cyanoacrylate adhesives to promote a faster cure and to extend their gap-filling capabilities. It also enables fillets of cured adhesive to be formed if required and can be used to reduce the effects of blooming, which can affect decorative surfaces. Use of CSA also facilitates the bonding of porous surfaces. Permabond CSA can be supplied either as an aerosol spray, for ease of application, or as a bulk liquid for use in high volume applications.

Physical Properties

Colour	Colourless
Viscosity	0.7 mPa.s
Flashpoint	-4°C
Boiling Point	45-100°C
Specific Gravity	0.7
Evaporation Rate	4.3 (butyl acetate = 1)

Storage & Handling

Storage Temperature	5 to 25°C (41 to 77°F)
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Additional Information

Users are reminded that all materials, whether innocuous or not, should be handled in accordance with the principles of good industrial hygiene. Full information can be obtained from the Material Safety Data Sheet.

This Technical Datasheet (TDS) offers guideline information and does not constitute a specification.



Directions for Use

- Surfaces should be clean, dry and grease-free prior to primer application.
- Permabond CSA should be applied either by wiping (using a clean cloth or brush), spraying or dipping one component.
- Allow CSA to fully evaporate before bonding to make sure there isn't any solvent entrapment in the joint.
- Permabond cyanoacrylate adhesive is then applied to the untreated surface; the two parts should be quickly mated.
- Do not put the adhesive on the treated surface as the adhesive could cure before the parts can be properly mated. Only if the gap is extremely large (>0.5mm) activator may be applied to both surfaces.
- For maximum bond strength, allow adhesive to cure for 24 hours at 23°C.
- Permabond CSA is formulated to minimise attack and maximise performance on certain plastics. However, it is recommended that the product is tested for compatibility prior to use in production.

For post-applying (e.g. for curing excess adhesive fillets or for wire tacking):

- Lightly spray or drip activator onto uncured adhesive (do not react large quantities).

Do not mix Permabond CSA directly with cyanoacrylate adhesives.

Video Links

Surface preparation:

<https://youtu.be/8CMOMP7hXjU>

CSA directions for use:

<https://youtu.be/flurL97O16c>



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