PERMABOND® CSA-NF

Cyanoacrylate Activator

Technical Datasheet

Features & Benefits

- Non-flammable
- Non-blooming
- Activates difficult or porous surfaces
- Improves adhesive gap fill

Description

Permabond® C Surface Activator (CSA-NF) is used in conjunction with Permabond cyanoacrylate adhesives to promote a faster cure and to extend their gap-filling capabilities. It significantly reduces the whitening effect often associated with more active cyanoacryates. It has been developed to be non-harmful and non-flammable making storage, shipment and use of the product less hazardous.

Use of CSA-NF enables fillets of cured adhesive to be formed if required and can be used to reduce the effects of blooming, which can affect black or decorative surfaces. Also, it facilitates the bonding of porous surfaces.

Physical Properties

Colour	Colourless
Viscosity	1 mPa.s
Flashpoint	Non-flammable
Boiling Point	42°C
Specific Gravity	1.3

Storage & Handling

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

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.

Directions for Use

- Surfaces should be clean, dry and grease-free prior to primer application.
- Permabond CSA-NF should be applied either by wiping (using a clean cloth or brush), spraying or dipping one component.
- Allow CSA-NF to dry before assembling 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-NF 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-NF directly with cyanoacrylate adhesives.

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