

# MitreBond

## Product Description

Mitrebond is a high viscosity, fast curing superglue adhesive which cures to give tough durable high performance bonds. It has been formulated to bond a wide range of similar and dissimilar substrates. It is low odor and compatible with most building materials, porous and non-porous.

## Benefits

- Fast and clean — sets in just 15 seconds!
- No mixing or heating
- Use just one or two drops per joint
- Bonds to MDF, timber, glass, ceramics, aluminum, chipboard, perspex, steel, porcelain and some plastics.

## Characteristics

MitreBond is a one component system which requires no mixing or heating. It does not contain solvents so bond shrinkage is negligible. The resin is stabilized with an acid stabilizer which inhibits polymerisation (cure) of the adhesive keeping it liquid. When the adhesive is applied to a surface, the stabilizer is neutralized by the alkalinity of the surface or by partly ionised water. Its high viscosity minimises penetration of absorbent materials.

## Directions of Use

- Ensure both surfaces are clean, dry and free of grease or loose material.
- Apply adhesive sparingly to one side and hold parts until handling strength is achieved.

## Accelerators

MitrePen activator can be used as an accelerator speeding up cure. When using the accelerator apply it to one side of bond and the adhesive to the other.

## Storage

Store in a cool area out of direct sunlight. Refrigeration gives optimum storage stability. Do not freeze.

## Additional information

Resin	Modified cyanoacrylate
Color	Clear / Colorless
Cure speed with activator	15 seconds
Cure speed without activator	30–60 seconds
Viscosity	2000 cP
Gap Fill	0.04in (0.1mm)
Flash Point	>185°F (85°C)
Specific Gravity	1.06
Max opening temperature	-76°F to 176°F (-60°C to 80°C)
Strength	3000–4000 PSI

## Packaging

Bottles — 1.75oz, 3.5oz, 15.5oz (50g, 100g, 500g)

## Shelf Life

12 months at 68°F (20°C )

## Health & Safety

**DANGER: SUPERGLUE BONDS SKIN AND EYES IN SECONDS.**

If accidental bonding happens, wash with warm soapy water and prise skin apart using a blunt instrument (such as a teaspoon handle). In case of eye contact, bathe immediately with water and seek immediate medical attention.

For further information, please read the product SDS.

Note: The data, information and values contained in this Technical Data Sheet have been obtained by conducting various tests in a controlled laboratory environment, and should be used for guidance purposes only. Although we believe them to be reliable and accurate, users should always conduct their own tests in their specific working conditions to ensure that the product is suitable and effective for use. It is the user's sole responsibility to determine the suitability of the product for the application. IPS Adhesives Inc. cannot be held responsible for the results of procedures undertaken elsewhere, nor for the safeguarding of personnel or property, all of which is the duty of the user. Suitability of products or methods is discretionary. Therefore, warranties or implied usage obligations should not be attributed to and are not the responsibility of IPS Adhesives Inc. IPS Adhesives Inc. are not liable for any financial loss or other damages incurred by the user as a result of the use of this product.