

TECHNICAL DATA SHEET

January 2008



MITREBOND ADHESIVE

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 odour and compatible with most building materials, porous and non-porous.

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 stabilised with an acid stabiliser which inhibits polymerisation (cure) of the adhesive keeping it liquid. When the adhesive is applied to a surface, the stabiliser is neutralised by the alkalinity of the surface or by partly ionised water. Its high viscosity minimises penetration on absorbent materials.

INSTRUCTIONS FOR USE:

Ensure parts are clean, dry and free from oil and grease. Apply adhesive sparingly to one side and hold parts until handling strength is achieved.

ACCELERATORS:

Mitrebond Activator can be used as accelerators speeding up cure. When using the accelerator apply it to one side of the bond and the adhesive to the other.

STORAGE:

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

PRESENTATION:

Bottles 50g, 100g & 500g.

TECHNICAL FEATURES

Resin	Modified Cyanoacrylate
Colour	Clear
Cure Speed With Activator	< 15 Seconds
Cure Speed Without Activator	30 - 60 Seconds
Viscosity	2000 cps
Gap Fill	0.1mm
Flash Point	> 85°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.06
Max Operating Temperature	-60°C to +80°C
PSI Strength	3000 - 4000

HEALTH & SAFETY:

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 a teaspoon handle). In case of eye contact, bathe immediately with water and seek immediate medical attention.

SAFETY RECOMMENDATIONS :

Do not use in continuous immersion applications. See also the Safety Data Sheet.

The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.