



The Glue People

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B406

Extremely strong, Fast cure, Surface insensitive adhesive

General Description

Tradelock B406 is a highly advance, low viscosity cyanoacrylate adhesive which easily out performs other low viscosity cyanoacrylates for cure speed, final cure strength and the wide range of plastics and elastomers that it will bond.

B406 can bond Nitrile, neoprene and natural rubbers in 1-2 seconds creating a bond stronger than the substrate. Similar strengths and cure speeds can be found with plastics such as ABS, soft PVC, Polyacetal, EPT and EVA.

Slower cure rates (up to 12 seconds) will be found when bonding Viton rubber, Bakelite, polycarbonate and polymethyl methacrylate (PMMA).

Excellent strengths can also be achieved when bonding metals. Tradelock B406 can bond aluminium, steel, copper and brass in under 5 seconds with final cure strengths far above most other low viscosity adhesives.

Tradelock B406 can also be used with Tradelock B757 NRG Primer to give excellent bonds to low surface energy materials such as polypropylene.

Physical Data

Base	Modified ethyl cyanoacrylate
Colour	Clear
Cure speed	1 – 12 seconds
Viscosity	20 cps
Gap fill	0.1mm
Flash point	> 85°C
Specific gravity	1.06
Shelf life	12 months @ 20°C

Application

Surfaces must be clean, dry and free from any loose material liable to impair adhesion. Apply B757 is necessary and allow to dry. Apply one drop for each 6cm² of substrate. Join together the two surfaces instantly causing the drop of adhesive to spread between the surfaces. Keep pressed together until the adhesive sets. Do not use too much of the adhesive as it will be detrimental to the final bond strength. Do not box or bag items immediately after bonding.

General

For safe handling information on this product, consult the material safety data sheets, (MSDS).

Whitening may occur on very humid days. Correct this by means of local heating.

Storage

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

Safety

Danger – Bonds skin and eyes in seconds. If accidental skin bonding occurs 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 medical attention if irritation persists.

Important Notice

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, Tradelock B406.