

	BOSSIL TECHNOLOGY SDN. BHD.	Issued date : 31/03/08
	Technical Data Sheet	Rev. No. : 19-01
	BS-8502 / BS-8502C / BS-8502NT Power Glue	Revision date : 29/06/19
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Product Specification:

Physical Data:

Main Component	: Ethyl Cyanoacrylate
Appearance	: Clear Liquid
Viscosity(S2, 30 rpm)	: 2 – 3 cps
Flash Point	: >82 °C
Shelf Life	: 6 months @ 30 °C : 9 months @ 30 °C (BS-8502NT)
Specific Gravity 25 °C	: 1.05
Application Temperature	: 10 °C – 38 °C
Service Temperature Range	: -55 °C – 82 °C

Cured Performance:

Gap Filling	: 0.04 mm
Full Cure Time	: 24 hours
Tensile Strength	
Steel to Steel	: 25 ~ 30 N/mm ²
Lap Shear Strength	: 15 ~ 26 N/mm ²
Features	: Instant Bonding : Excellent Adhesion : Bonds Most Materials
Packaging	: 20 g bottle / 1000 : 20 g (Net) bottle / 600



Product Description:

BS-8502 Power Glue is a low viscosity; ultra fast setting ethyl based Cyanoacrylate Adhesive which bonds almost immediately upon contact. BS-8502 is specially formulated for difficult to bond substrate like bonding of acidic woods.

Applications:

Typical applications include wood trim on furniture, balsa wood bonding for hobbyists, plastics, rubber, TPR elastomer etc.

Caution:

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Causes skin irritation. Causes serious eye irritation. May cause respiratory sensitisation. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical advice/attention. Store locked up. Safety data sheet available on request.

Storage:

- Store in a dry and cool place; keep away from sunlight. Storage below 5 °C gives optimum storage stability.
- Use within 6 months from date of production.

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