

	BOSSIL TECHNOLOGY SDN. BHD.	Issued date : 31/03/2008
	Technical Data Sheet	Rev. No. : 21-01
	BS-8141 / BS-8146 / BS-8192 / BS-8194 4 Minutes 3 Ton Epoxy	Revised date : 01/08/2021 Page : 1 of 1

Product Specifications:

Appearance:	Clear viscous liquid (Resin) Slightly yellow liquid (Hardener)
Viscosity at 25 °C: (LV3, 5 rpm) ASTM 2196	6,000 - 11,000 cPs (Resin) 9,000 - 12,000 cPs (Hardener)
Main ingredients:	Epoxy resin Polymercaptan hardener
Mixing ratio:	1:1 (by volume)
Lap shear strength: (N/mm ²) ASTM D1002	Minimum 12
Hardness: (Shore D) ASTM D2240	Minimum 70
Working time at 25 °C:	< 3 minutes
100% Curing time at 25 °C:	24 hours
Packaging:	BS-8141 – 28.4gm BS-8146 – 25ml BS-8192 – 6gm x 6 BS-8194 – 6gm



Product Description:

A fast setting and non-shrinking clear epoxy adhesive, it exhibits a remarkable combination of properties, high mechanical strength, reliable heat resistant and excellent resistant to most chemical. It is easy to machine, non-conductive and can be handled after an hour.

Applications:

Bonds metal, wood, plastic, china, ceramics, brick, tools, glassware, fiberglass repair, etc.

Directions:

1. Surfaces must be clean, dry and free of dirt, grease, oil or water. Puncture tube with the cap.
2. Squeeze out equal amount of resin and hardener onto any discardable container.
3. Mix thoroughly and apply mixture to both surfaces before joining. Low heat will accelerate hardening.
4. Replace cap after use and store in a cool, dry place.

Caution:

Contains epoxy resin and polymercaptan hardener. May cause severe eyes and skin irritation. Avoid prolonged contact with eyes or skin. In case of contact with eyes, flush with water for 15 minutes and seek medical attention immediately. In case of skin contact, wipe off and wash with soap and water.

Keep out of reach of children. Use in well ventilated areas.

Storage:

Provided the adhesive are stored dry and cool in air tight containers, the storage stability will be at least 24 months (before mixing) from day of delivery.

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