



BOSSIL TECHNOLOGY SDN. BHD.

Technical Data Sheet

BS-8146  
4 Minutes 3 Ton Epoxy

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### Product Specifications:

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



### Product Description:

A fast setting, non-shrinking, clear epoxy adhesive that exhibits a remarkable combination of properties, high mechanical strength, excellent resistant to most chemical and reliable heat resistant. It is easy to machine, non-conductive and can be handled after 2 hours.

### 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.
2. Turn nozzle end up and pull plunger back slightly. Snap off or cut off the storage cap.
3. Puncture syringe with the storage cap.
4. Squeeze out equal amount of resin and hardener onto any discardable container.
5. Mix thoroughly and apply mixture to both surfaces before joining. Low heat will accelerate hardening.
6. 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 12 months (before mixing) from day of delivery.

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