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	<b>Technical Data Sheet</b>	<b>Rev. No.</b> : 3
	<b>BS-8143</b> <b>3 Ton Standard Epoxy</b>	<b>Revised date</b> : 14/05/13 <b>Page</b> : 1 of 1

### Product Specifications:

<b>Appearance:</b>	Clear liquid (Resin) Clear amber liquid (Hardener)
<b>Viscosity at 25 °C:</b> <b>(LV3, 5 rpm) ASTM 2196</b>	6,000 - 11,000 cPs (Resin) 20,000 - 30,000 cPs (Hardener)
<b>Main ingredients:</b>	Epoxy resin Polyamide hardener
<b>Mixing ratio:</b>	1:1 (by volume)
<b>Tensile lap shear strength:</b> <b>(N/mm<sup>2</sup>) ASTM D1002</b>	Minimum 11
<b>Hardness:</b> <b>(Shore D) ASTM D2240</b>	Minimum 75
<b>Working time at 25 °C:</b>	90 - 180 minutes
<b>100% Curing time at 25 °C:</b>	72 hours



### Product Description:

An amber epoxy adhesive formulated to give longer working time (90 - 180 minutes) for large assemblies with multiple components. It is the original heavy duty epoxy suitable for most conditions. It exhibits a remarkable combination of properties, high mechanical strength, excellent chemical resistance and reliable heat resistance. It is easy to machine and non-conductive.

### Applications:

Bonds metal, wood, plastic, china, ceramic, brick, concrete, masonry, 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 polyamide hardener. May cause severe eyes and skin irritation. Avoid prolonged contact with eyes or skin. In case of eyes contact, 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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