

	VITAL TECHNICAL SDN. BHD.	  	Issued date : 31/03/08
	Technical Data Sheet		Rev. No. : 6
	VT-143 Vital 3 Ton Epoxy		Revised date : 29/03/13
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Product Specifications:

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

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company will not accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of various of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.

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