

Technical Data Sheet Issue Date: 01-11-02		Product Code: VC-143 Vital 3 Ton Epoxy
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Product Description:

Vital 3 Ton Epoxy is a clear color epoxy adhesive formulated to give longer working time (60 minutes) for large assembly with many components. It is the original heavy duty epoxy that suitable for most conditions. It exhibits a remarkable combination of properties, high mechanical strength, excellence resistant to most chemical and reliable heat resistant. It is easy to machine and non-conductive.

Applications:

Applications: Bond metal, wood, plastic, china, ceramics, brick, concrete, masonry, tools, glassware, fiberglass repair etc.

Physical Data:

Appearance	Vital 3 Ton Resin (Clear Liquid) Vital 3 Ton Hardener (Light Yellowish Liquid)
Viscosity at 25	Vital 3 Ton Resin – 11,000 – 21,000 cps Vital 3 Ton Hardener – 9,000 – 15,000 cps
Main Ingredient	Epoxy Resin
Mixing Ratio	1:1 (by volume)
Tensile Strength (kg/cm ²)	Minimum 90
Hardness	Minimum 70
Working Time	below 15 minutes at room temperature 26
Curing Time	30 – 60 minutes at room temperature 26
100% Curing Time	24 hours at room temperature 26

Directions:

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

CAUTION:

Contains Epoxy Resin and Polyamine Hardener. May caused severe eye and skin irritation. Avoid prolonged contact with eyes or skin. In case of eye 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.

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 ex-works.

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