



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-110 / VT-111 / VT-113 / VT-117 VitalFix Super Glue



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Product Specification:

Uncured monomer:

Main component	: Ethyl cyanoacrylate
Appearance	: Clear liquid
Specific gravity, 20 °C	: 1.06
Viscosity 25 °C (Brookfield LV, spindle S31 @100rpm)	: 90 – 130 cps
Flash point	: >80 °C
Shelf life	: 24 months

Cured adhesive:

Tensile Strength (Steel to steel ASTM D2095)	: 10 – 20 N/mm ²
Tensile Shear Strength (Steel to steel ASTM D1002)	: 10 – 20 N/mm ²
Service temperature range	: - 55 °C – 82 °C
Full cure time	: 24 hours
Features	: Instant bonding : Excellent adhesion : Bonds most materials
Applicable Tests / Standards	: ASTM D1002-05
Packaging	: VT-110 - 3g (Single pack) : VT-111 - 3g x 2 (Twin pack) : VT-113 - 2g x 3 (Tri pack) : VT-117 - 2g x 4 (Four pack)



VT-110



VT-111



VT-113



VT-117

Product Description:

A newly formulated instant adhesive that bonds most substrates and is faster, stronger, and longer lasting than ordinary cyanoacrylate adhesive.

Applications:

Suitable for porous and non-porous surfaces: Metal, rubber, ceramic, laminated plastic, finger nails, leather, vinyl, cork, paper, cardboard, wood, brick, chipboard, textiles, etc.

Directions:

1. Surfaces must be clean, dry and free of dirt, grease oil or water. Puncture with top of cap and install nozzle.
2. Apply one drop to one surface only. Assemble both surfaces together and hold for few seconds to enable it to set completely.
3. Replace cap after use and store in a cool, dry place.

Caution:

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Causes skin irritation. Causes serious eye irritation. May cause respiratory sensitisation. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical advice/attention. Store locked up. Safety data sheet available on request.

Storage:

- Store in a dry and cool place; keep away from sunlight. Storage below 5 °C gives optimum storage stability.
- Use within 24 months from date of production.

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