5, 15, 30 Cure
Fast Curing Epoxy Adhesive

**Product Description:**
System Three QuickCure® is a 2-component, solvent-free epoxy/polymercaptan adhesive. Mixed in a 1-to-1 by volume ratio, it will cure in five minutes, even at lower temperatures.

**Application:**
*Quick wood or fiberglass “welding.”
* Fill screw holes.
* Thread-locker for nuts and bolts.
* Glue patterns, countertops, and bulkheads.

**Summary of Features:**

**Resin Properties:**
- Viscosity @ 25°C(77° F) .............. 12000 cps
- Specific Gravity ....................... 1.16
- Color ...................................... Clear

**Hardener Properties:**
- Viscosity @ 25°C(77° F) .............. 9000 cps
- Specific Gravity ....................... 1.13
- Color ...................................... Light Amber

**Technical Notes:**
**PHYSICAL PROPERTIES:**
- Mix Ratio ........................................... 2:1 by volume
- Total solids ......................................... 100%
- Viscosity(Mixed) ..................................... cps
- Colour ............................................. Clear to slightly amber
- Heat Deflection Temperature ............. 101°F
- Working Time @ 20° C ...................... 10-12 minutes
- Cure Time(500 ml mixture) ..............
  - 20°C(68°F) ........................................ hours
  - 65°C(150°F) ...................................... hours
- Flexural Strength .................................. psi
- Flexural Modulus .................................. 3.50X10⁶ psi
- Compressive Strength (at yield) ........... 12,400 psi
- Tensile Strength .............................. 2,845 psi
- Ultimate Elongation ............................ %
- Izod Impact Strength ...................... ft.lbm/in. notch
- Hardness(Rockwell M) ......................

**ELECTRICAL PROPERTIES:**
- Dielectric Constant
  - Frequency 60 Hz ......................... 3.23
  - 10⁶ Hz ........................................ 3.68
  - 10⁹ Hz ........................................ 2.99
- Dissipation Factor, Condition A
  - Frequency (Hz) 60 Hz ................... .0036
  - 10⁹ Hz ....................................... .0070
  - 10⁶ Hz ....................................... .0190
- Volume Resistivity(ohm-cm) ............. 1.22X10¹⁶
- Surface Resistivity (ohm) ................ 5.50X10¹⁵

Kit sizes available
375ml / 750ml / 1.5L / 3L / 6L / 12L / 30L / 60L / 300L

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