

SYSTEMTHREE

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TECHNICAL DATA

QUICKCURE 15 EPOXY ADHESIVE

DESCRIPTION:

System Three QuickCure® 15 is a 2-component, solvent-free epoxy/polymercaptan adhesive. Mixed in a 1-to-1 by volume ratio, it will set in fifteen minutes, even at lower temperatures.

APPLICATIONS:

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

RESIN PROPERTIES:

Viscosity @ 25°C(77° F) 12000 cps
Specific Gravity 1.16
Color Clear

HARDENER PROPERTIES:

Viscosity @ 25°C(77° F)8500 cps
Specific Gravity 1.13
Color Light Amber

MIXED SYSTEM PROPERTIES:

Mix ratio by weight resin/hardener 100/97
Mix ratio by volume resin/hardener 100/100
Working time @ 25° C 10-12 minutes
Tack-free time @ 25° C 15 minutes

TYPICAL CURED PROPERTIES:

Tensile Lap-Shear Strength(Aluminum/Aluminum), psi 2845
Heat Deflection Temperature, ° F 101
Hardness(Shore D) 7 day cure @ 25°C 79
Hardness(Shore D) 7 day cure @ 25°C(after 24-hr water immersion) 65

Tests were conducted in accordance with ASTM procedures.

Sizes available(kits): 8 oz. / 16 oz. / 32 oz. / ½-gallon / 1-gallon / 2-gallon / 10-gallon

For health and safety information concerning this product, please refer to the MSDS sheets for QuickCure 15 Adhesive. MSDS sheets are available on our website at www.systemthree.com.

The information contained herein is based on the data available to us and is believed to be correct. However, System Three Resins, Inc. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. System Three assumes no responsibility for injury from the use of the product described herein.