

## **PRODUCT SPECIFICATIONS SHEET**

### **CAT NO.      PRODUCT NAME**

10-114      Quik Stik  
19-822

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### **DESCRIPTION:**

A two part unfilled epoxy adhesive designed for high speed bonding of metal, ceramics and most plastics. It cures to a tough semi-rigid material and is free flowing in viscosity. It gives a good resistance to water, salt spray, inorganic acids and bases and most organic solvents. It was especially formulated to a 1:1 mix ratio.

Cure is normally achieved at room temperature with-in 20 – 30 minutes with full cure in 24 hours. An elevated temperature cure schedule can be used to reach final properties quickly.

### **TYPICAL PROPERTIES:**

All properties given are at 25C unless otherwise noted.

|   |        |                  |
|---|--------|------------------|
| Color                                   |        | Clear            |
| Viscosity                               | Part A | 12,000 cps       |
|   | Part B | 18,000 cps       |
|   | Mixed  | 13,000 cps (est) |
| Specific Gravity                        | Part A | 1.17             |
|   | Part B | 1.15             |
|   | Mixed  | 1.16             |
| Pot Life                                |        | 3 – 5 minutes    |
| Mass                                    |        | 20 grams         |
| Tensile Strength                        |        | 2200 psi         |
| Lap Shear (AI/AI)                       |        |                  |
| T-Peel Strength                         |        | 3 – 5 pli        |
| Temperature Range                       |        | -40 to 180F      |
| Hardness                                |        | 80               |
| Method                                  |        | Shore-D          |
| Linear Coefficient of Thermal Expansion |        | (x 10 (6))/C     |

**INSTRUCTIONS:**

1. Bring both components to room temperature prior to mixing. Mix 1 part of A to 1 part of B thoroughly.
2. Allow to cure undisturbed until product is fully gelled or tack-free to the touch.
3. Clean up uncured resin with suitable organic solvent such as MEK, Acetone or a Chlorinated Solvent.

**MIX RATIO:**

1A:1B by weight of 1A:1B by volume.

**SHELF LIFE:**

12 months