

## BD9103 Epoxy Adhesive

### 1. DESCRIPTION:

**BD9103 is a multipurpose, room temperature curing epoxy adhesive. Engineered for bonding panels with high strength and toughness, it is suitable for bonding SMC, ABS, metal, ceramics, aluminum honeycomb, fireproof panels, and many other materials in common use. Elevated temperatures can be used to shorten handling time.**

#### Application areas

- Floor, roof, and barrier walls
- Honeycomb curtain walls

### 2. CHARACTERISTICS:

#### Room Temperature Cure Properties

Work Time:	90 minutes (at 75°F/ 24°C)
Fixture Time:	8 hours (at 75°F/ 24°C)
Full Cure:	24 hours for full properties
Operating Temp.	-60°F to 150°F
Mixed Density:	10.7 lbs/gal
Flash Point:	Greater than 110°C
Viscosity:	Resin (Part A) 14,000 cps Hard (Part B) 12,000 cps
Color:	Resin (Part A) Beige Activator (Part B) Beige Mixed: Beige
Mix Ratio:	2 Parts A to 1 Part B (2:1)
Heat Distortion Temp.	50°C
Hardness:	82 Shore D
Tensile Strength:	2400 psi (AL to AL – no prep) 2400 psi (Steel to Steel – no prep)
Elongation:	5%
Shelf Life:	24 Months

### 3. Handling and Storage:

- Bring both components to room temperature prior to mixing. Mix 2 parts A to 1 part B by volume or by weight thoroughly for several minutes.
- Dispense mixed material onto the substrate, and put together substrates to bond.
- Parts may be shipped within 24 hours but parts can be moved in 8 hours.

### 4. ADDITIONAL INFORMATION

NOTE: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. The Company shall not be liable for any injury, loss, or damage in the use or handling of its chemical products since conditions and use are beyond our control. In every case, we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and suitability for their particular purpose under their own operating conditions. Statements concerning possible use of our products are not intended as recommendations to use our products in the infringement of any patent, or for any particular purpose or application. These products are intended for industrial use only.