

BD5429 Epoxy Adhesive

1. DESCRIPTION:

BD5429 is a two-part epoxy adhesive designed for applications requiring a low viscosity and a rapid cure. A handling cure is normally achieved at room temperature within a few hours with a full cure at room temperature within 24 hours. To accelerate the final cure, or to quicken the handling simply elevate the temperature.

2. CHARACTERISTICS:

Room Temperature Cure Properties

Work Time:	25 minutes (at 75°F/ 24°C)
Full Cure:	24 hours for full properties
Mixed Density:	9.1 lbs/gal
Flash Point:	Greater than 200°F
Viscosity:	650 cps mixed
Color:	Resin (Part A) Off-white Activator (Part B) Slight yellow Mixed: Off-white
Mix Ratio:	2 Part A to 1 Part B by volume
Hardness:	75 Shore D
Tensile Strength:	3,100 PSI
Tensile Modulus:	170,000 PSI
Heat Deflection (Tg):	120°F
Elongation:	5%
Shelf Life:	12 Months

3. Handling and Storage:

- A. Bring both components to room temperature prior to mixing. Mix 2 parts A to 1 part B thoroughly for 30 to 60 seconds.
- B. Dispense mixed material over properly positioned devices to be glued together. Do not pour more than 1/2" thick as the product may exotherm too high and may boil.
- C. Parts may be shipped within 24 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.