



## Epoxy, Urethane & Silicone Formulations

**10-3005: 5 MINUTE SET EPOXY**  
**10-3020: 20 MINUTE SET EPOXY**  
**10-3046: 46 MINUTE SET EPOXY**

### DESCRIPTION:

These high bond strength adhesives are clear 100% solids, two component, low viscosity adhesives with a quick setting time of 5-46 minutes at room temperature. They are excellent for bonding plated metals, pewter, glass, wood, ceramic, felt, cement, gem stones, most plastics and rubbers, etc...

### APPLICATIONS:

These unique adhesives are ideally suited for a wide range of electronic, electrical, industrial, structural, and jewelry applications. These adhesives are an excellent choice for field repairs. They are offered in the convenient TriggerBond® dual barrel cartridge dispensing system.

### FEATURES:

High bond strength	Outstanding thermal shock resistance
Fast room temperature cure	Non-critical 1:1 mix ratio
Water and chemical resistant	Impact resistant

### SPECIFICATIONS:

Color	Clear
Mix ratio by weight	1:1
Mixed viscosity, 25°C cps *	12,000
Solids content, %	100
Specific gravity, 25°C/25°C	1.15
Shore D hardness	74
Operating temperature range, °C	-50 to +130
Dielectric strength, volt/mil	420
Impact Izod	2.7
Dielectric constant, 1KHZ at 25°C	4.00
Dissipation factor, 1KHZ at 25°C	.017
Volume resistivity, OHM-CM at 25°C	2.0 x 10 <sup>14</sup>

\*\*over

\* Also available in a Non-Sag version (10-3005NS, 10-3020NS, 10-3046NS).

**1-800-EPOXIES (376-9437) • 401-946-5564 • Fax: 401-946-5526**

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## **INSTRUCTIONS FOR USE:**

1. Thoroughly mix equal parts of resin to catalyst by weight or volume.
2. Apply to surface(s) to be bonded and allow to cure at room temperature or accelerate with mild heat.

## **PREPARATION OF SURFACES:**

Surfaces to be bonded must be clean and grease free. Adhesion can be substantially increased by abrading the surface with emery cloth, sand paper, etc... A roughened porous surface will produce the best results. Any oxidized metal films should be removed just prior to application of the adhesives.

## **AVAILABILITY:**

Available in the TriggerBond® 50ml, 75ml, 200ml and 400ml dual barrel cartridges. Also packaged in quarts, gallons, and 5 gallon pails.

## **IMPORTANT:**

The information in this brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

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