

10-3063

Epoxy Adhesive

DESCRIPTION:

10-3063 is a room temperature curing, two component, epoxy potting compound and adhesive. The 10-3063 provides good water resistance, adhesion, and toughness. **It is packaged in the convenient TriggerBond® dual barrel cartridge system.**

The 10-3063 Epoxy System meets the Food and Drug Administration (FDA) regulations permitting use in “indirect” food contact applications. The raw materials used in the products comply with the FDA regulations of Title 21 Code of Federal Regulations under Sections 175.105 and 175.300.

BENEFITS:

- Excellent adhesion
- Excellent chemical and corrosion resistance
- Excellent electrical insulation

TYPICAL SPECIFICATIONS:

Mixed Viscosity @ 25°C, cps	36,000
Mix Ratio (Resin : Curing Agent)	
By Volume	100:50
Color (Resin/Curing Agent)	White/Amber
Hardness, Shore D	83
Specific Gravity @ 25°C	
Resin	1.25
Curing Agent	.96
Pot Life, 100 grams, 25°C, minutes	90
Tensile Strength, psi	8,600
Tensile Elongation, %	3.7
Flexural Strength, psi	13,000
Compression Strength, psi	33,000
Operating Temperature Range, °C	-40 to +130

PREPARATION OF SURFACES:

Surfaces must be clean and grease free. Adhesion can be substantially increased by abrading the surfaces to be bonded with emery cloth, sandpaper, carbide grinding tools, sand blasting, etc...A roughened, porous surface will produce the best results. Any oxidized metal films should be removed just prior to application of the epoxy adhesive mixture.

INSTRUCTIONS FOR USE:

1. This product is packaged in the convenient TriggerBond® system. Please follow the instruction sheet for the proper use of TriggerBond® cartridges.
2. Apply mixed material and follow one of the cure schedules:
 - a. 77°F 24 hours
 - b. 150°F 1 hour
 - c. 220°F 15 minutes

FDA COMPLIANCE:

Epoxies, Etc. does not warranty that these products would be suitable under applicable FDA regulations for any use.

The responsibility for determining the overall compliance with applicable FDA food additive/contact regulations is with the company manufacturing the final finished product and/or the person placing that product in food contact.

SAFETY, STORAGE, AND HANDLING:

Please refer to the MSDS for the most current safety and handling information before using these products.

The shelf life is 12 months in the original sealed container when stored between 50-77°F. Store away from excessive heat and humidity.

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 this 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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