

## **APPLICATION:**

Two Component Flexible Adhesive can be applied by plural component spray, brush or roller. **EPOXY SYSTEMS' PRODUCT #501** is designed to be applied in one coat at 3.0 to 5 mils. **EPOXY SYSTEMS' PRODUCT #501** is low in viscosity. It should be applied in one thin, wet coat sufficient to completely cover and penetrate to the surface. Do not apply heavy coats.

## **CAUTION:**

**WARNING!** B Component contains aromatic isocyanate (MDI). Avoid breathing vapors. May cause respiratory irritation and allergic response. May cause skin sensitization or other allergic responses. Use with good ventilation, particularly if material is heated or sprayed. Prevent all contact with skin or eyes. Wear protective clothing, goggles, gloves, and/or barrier creams. Keep containers closed when not in use. Wash thoroughly after handling. Do not ingest. Keep away from foodstuffs and wash thoroughly before smoking or eating.

**FIRST AID:** In case of skin contact, immediately wash with soap and water. In case of eye contact, flush with abundant amounts of water for at least (15) fifteen minutes. Remove contaminated clothing. If irritation persists, seek medical attention. Wash clothing before reuse.

## **FOR INDUSTRIAL USE ONLY / KEEP AWAY FROM CHILDREN**

For more information about this product or any other Epoxy Systems™ product, please contact:

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# Epoxy Systems'<sup>TM</sup> Product #501

## Flexible Adhesive

### DESCRIPTION:

**EPOXY SYSTEMS' PRODUCT #501** is a two component flexible adhesive. It is formulated to bond plastics to various substrates. **EPOXY SYSTEMS' PRODUCT #501** will adhere plastics to concrete, steel, wood and masonry. **EPOXY SYSTEMS' PRODUCT #501** is easily applied and develops properties rapidly.

### ADVANTAGES:

- Excellent bond to PVC and other plastics.
- Permanent flexibility, molecularly fixed, will not migrate.
- 100% solids, non-combustible.
- Excellent chemical resistance.
- Stays flexible at temperatures as low as -20 F (-29 C).
- Retains properties at temperatures as high as 250 degrees F in intermittent exposure.

### PHYSICAL PROPERTIES:

Color	Clear
Mix Ratio	2.5 A:1B by volume
Viscosity	1,000 cps
Pot Life	20 mins. @ 75 F
Tensile Strength (ASTM D-638) Type I	1,500 psi min.- 7 days
Shear Bond Plastic to Concrete	500 psi min. - 7 days

### SURFACE PREPARATION:

Surface must be clean. Remove grease, rust, or other foreign materials by best means available. Surfaces must be dry during application.

### MIXING:

Combine 2.5 volume of Component "A" with one part by volume of Component "B". Mix for not less than (3) three minutes using a slow speed drill (300 to 600 rpm) and Mixing Paddle. Scrape sides and bottom to ensure thorough mixing. Do not thin. Higher temperatures will reduce working life of the coating; lower temperatures will increase it.