

### 1. PRODUCT NAME

#501

### 2. MANUFACTURER

Polygem, Inc.  
1105 Carolina Drive  
West Chicago, IL 60185  
Telephone: (630) 231-5600  
FAX: (630) 231-5604  
Internet: www.polygem.com

### 3. PRODUCT DESCRIPTION

#501 is a 100% solids, flexibilized two-part epoxy joint filler specifically formulated to meet the punishing demands of today's industrial floors. #501 is used to fill and repair joints and cracks subjected to hard wheeled traffic and will provide for a flexible and durable surface. #501 is flexible and resilient and will help protect floor cracks, saw-cut and control joints from cracking or spalling of the joint edges. #501 can also be mixed with sand and applied as a coating for a resilient non-skid surface.

#### OUTSTANDING FEATURES

- EASY MIXING AND POURING
- SELF-LEVELING or GEL FORMULAS
- BONDS TO DAMP SURFACES
- EXCELLENT CHEMICAL AND SOLVENT RESISTANCE
- NON-SHRINKING

#### Uses

For sealing and protecting saw-cut joints in concrete floors. #501 is ideal for use on:

- Joint and crack sealing and repair
- Flexible Membrane Coating
- Swimming Pools and Waterslides
- Waterproofing Membrane

### 4. APPLICATION INSTRUCTIONS

#### Floor Joints

- 1) Clean surface by sand blasting or grinding to provide clean and open surface.
- 2) Thoroughly mix measured amounts of 1 part of Part-A Resin with 1 part of Part-B Hardener by volume until streak free. Scrape side and bottom of pail frequently during mixing to insure a good mix. Mix only enough that can be applied in 45 minutes.
- 3) Pour #501 into joint flush to surface.
- 4) Excess material can be removed with a razor knife after 3-4 hours of cure.

#### Membrane Coating

Spread mixed epoxy with a notched squeegee and back roll with a 3/8" nap roller to desired coating mil thickness. Broadcast silica sand into wet coating for additional abrasion resistance or aluminum oxide into wet coating for skid resistance if required.

#### Packaging

#501 is available in 2 kit sizes:  
1 Gallon Kits and 5 Gallon Kits.

#### Color

Amber Clear or Light Gray or White. Custom colors.

#### Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for min. 24 months.

#### Limitations

- Not for use on contaminated or oily surfaces.
- Do not install when surface temperature is below 45°F (7°C) or above 95°F (32°C).
- During damp and/or cool conditions epoxy will cure slower and protect finished work from traffic until fully cured.

#### Cautions

- Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Material Safety Data Sheet for full listing protective requirements.
- #501 may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
- For professional use only.
- Keep out of reach of children.

### 5. TECHNICAL DATA

Test/Test Method	Results
Hardness Shore A, ASTM-D-2204	60
Tensile ASTM D-412	500 psi
Elongation at Break ASTM D-412	100%
Pot Life @ 75° F (1 quart)	30 minutes
Initial Cure Time @ 75° F	14 hours
Final Cure Time @ 75° F	36-48 hours
Mix Ratio by Volume A:B	4 to 1
Mixed Color	Specify Clear or Grey or White
Viscosity Liquid	2,500 cps*
*Also available in Non-Sag Gel	

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