



# PT5326

## Versatile Paste Epoxy Resin

### DESCRIPTION

PT5326 is a very smooth epoxy paste resin which lends itself to a variety of splining, filling and patching applications. Its creamy texture permits easy fairing down to a feather edge with a minimum of drag. PT5326 is a versatile resin that has been widely used in applications such as:

- **Embedding Locating & Support Plates for Large Equipment**
- **General Adhesive Bonding of Dissimilar Materials**
  - **Surface Patching and Repairing of Tools and Parts**
  - **Splining Master Models and Mock-Ups**

### PRODUCT SPECIFICATIONS

	PT5326 Part A	PT5326 Part B	ASTM Method
Color	Tan	Blue	Visual
Viscosity, @77°F, centipoise	Light Paste	Paste	D2392
Specific Gravity, gms./cc	1.55	1.01	D1475
Mix Ratio	100 : 7 By Weight		PTM&W
Pot Life, 4 fl.oz. Mass @ 77°F	15 - 20 minutes		D2471

### HANDLING and CURING

PT5326 will cure completely at room temperature, and needs no added heat for full cure. The fast pot life of this system is designed to allow quick turnaround on patching or repair applications. At normal ambient temperatures (75°F minimum), PT5326 gains handling strength in 4 to 6 hours. At these temperatures, the material will reach full cure in 24 hours, but in colder conditions it will take longer. The cure can be accelerated by a heat cure of 1 to 2 hours at 150°F, after the material gels at room temperature.

### PACKAGING WEIGHTS

	Gallon Kit	Pail Kit
PT5326 Part A	12 lb.	60 lb.
PT5326 Part B	1 lb.	4.5 lb.
Kit	13 lb.	64.5 lb.

## TYPICAL MECHANICAL PROPERTIES

	PT5326 A / B	ASTM Method
Mix Ratio, By Weight	100 : 7 By Weight	PTM&W
Color	Light Blue	Visual
Mixed Viscosity, @77°F, centipoise	Thixotropic Paste	D2393
Pot Life, 4 fl. Oz. Mass, @77°F	15 - 20 minutes	D2471
Cured Hardness, Shore D	86 Shore D	D2240
Specific Gravity, grams, cc	1.54	D1475
Density, lb./cu. Inch lb. / gallon	.0556 12.9	D792
Specific Volume, cu. in./lb.	17.9	
Tensile Strength, psi	3,750 psi	D638
Flexural Strength, psi	6,500 psi	D790
Compressive Strength, psi	12,000 psi	D695
Maximum Service Temperature	190°F - 200°F	PTM&W

## SAFETY and HANDLING

PTM&W epoxy products are made from raw materials carefully chosen to minimize or even eliminate toxic chemicals, and therefore offer the user high performance products with minimum hazard potential when properly used. Generally, the PTM&W epoxy resins and hardeners will present no handling problems if users exercise care to protect the skin and eyes, and if good ventilation is provided in the work areas. However, breathing of mist or vapors may cause allergenic respiratory reaction, especially in highly sensitive individuals. As such, avoid contact with eyes and skin, and avoid breathing vapors. Wear protective rubber apron, clothing, nitrile rubber gloves, face shield or other items as required to prevent contact with the skin. In case of skin contact, immediately wash with soap and water, followed by a rinse of the area with vinegar, and then a further wash with soap and water. The vinegar will neutralize the hardener and lessen the chances of long term effects. Use goggles, a face shield, safety glasses or other items as required to prevent contact with the eyes. If material gets into the eyes, immediately flush with water for at least 15 minutes and call a physician. Generally, keep the work area as uncluttered and clean as possible, and clean up any minor spills immediately to prevent accidental skin contact at a later time. Keep tools clean and properly stored. Dispose of trash and empty containers properly. Do not use any of these types of products until Material Safety Data Sheets have been read and understood.

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