

# TITEBOND<sup>®</sup> POLYURETHANE GLUE

## PHYSICAL PROPERTIES (TYPICAL)

Type Polyurethane  
State Liquid  
Color Brown  
Dried film Yellow  
Solids 100%  
Viscosity 8,500 cps

Calculated VOC: 0 g/L  
Weight/gallon 9.55 lbs.  
Flashpoint >200°F.  
Freeze/thaw stability Stable  
Storage life 12 months in tightly closed containers at 75°F.

## APPLICATION GUIDELINES

Application temperature Above 50°F.  
Assembly time after glue application 20-25 minutes (70°F./50%RH)  
Minimum required spread Approximately 6 mils or 250 square feet per gallon  
Required clamping pressure Enough to bring joints tightly together (generally, 30-80 psi for HPL, 100-150 psi for softwoods, 125-175 psi for medium woods and 175-250 psi for hardwoods).  
Methods of application Easily spread with a roller, spreader or brush.  
Cleanup Mineral spirits while glue is wet. Scrape or sand off dried excess.

## BOND STRENGTH ASTM D-905 (ON HARD MAPLE)

Temperature	Strength psi	% wood failure
Room Temperature	3,500+	60
150°F. Overnight	3,000+	50

## PRODUCT FEATURES

- 100% waterproof (Passes ANSI Type I & II water-resistance testing)
- Bonds virtually everything
- Epoxy-like strength – no mixing
- Long open time
- Excellent sandability
- 100% solids
- Solvent free

## LIMITATIONS

Titebond Polyurethane Glue is not for structural applications below the waterline. For ease of application, the glue, temperature and materials to be bonded should be above 50°F. Lower temperatures will cause the glue to thicken.

## CAUTION STATEMENT

**WARNING: EYE AND SKIN IRRITANT. POTENTIAL SKIN AND RESPIRATORY SENSITIZER.** Contains isocyanate containing polymers. Contact causes eye irritation. Prolonged or repeated skin exposure may cause irritation and sensitization or allergic reaction. Contact may stain skin. Do not allow eye contact. Avoid prolonged or repeated contact with skin. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and seek medical attention. For skin, wash thoroughly with soap and water. For additional information, refer to Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

**Important Notice:** Our recommendations, if any, for the use of this product are based on tests believed to be reliable. Since the use of this product is beyond the control of the manufacturer, no guarantee or warranty, expressed or implied, is made as to such use or effects incidental to such use, handling or possession or the results to be obtained, whether in accordance with the directions or claimed so to be. The manufacturer expressly disclaims responsibility therefore. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing laws and/or patents covering any material or use.

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