Titebond III Ultimate Wood Glue is the first one-part, water cleanup wood glue ever offered that is proven waterproof. The waterproof formula passes the ANSI/HPVA Type I water-resistance specification and offers superior bond strength, longer open assembly time and lower application temperature.

Titebond III is non-toxic, solvent free and cleans up with water - safer to use than traditional waterproof wood glues. It provides strong initial tack, sands easily without softening and is FDA approved for indirect food contact (cutting boards). The ultimate in wood glues - ideal for both interior and exterior applications.

1411 - 1.25 oz. Bottle
1412 - 4 oz. Bottle
1413 - 8 oz. Bottle
1414 - 16 oz. Bottle
1415 - Quart Bottle
1416 - Gallon Bottle
1417 - 5 Gallon Pail
1418 - 55 Gallon Drum

Physical Properties (Typical)
Type: Advanced Proprietary Polymer
Calculated VOC: 5.6 g/L
State: Liquid
Weight/gallon: 9.22 lbs
Color: Tan
Chalk temperature: Approx. 47°F
Dried film: Light brown
Flashpoint: >200°F
Solids: 52%
Freeze/thaw stability: Stable
Viscosity: 4,200 cps
pH: 2.5
Storage life: 12 months in tightly closed containers below 75°F.

*Chalk temperature indicates the lowest recommended temperature at which the glue, air and materials can be during application, to assure a good bond.

Application Guidelines
Application temperature: Above 47°F.
Open assembly time: 10 minutes (70°F./50%RH)
Total assembly time: 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, 100-150 psi for softwoods, 125-175 psi for medium woods and 175-250 psi for hardwoods)
Methods of application: Plastic bottles for fine applications; glue may also be spread with a roller spreader or brush.
Cleanup: Damp cloth while glue is wet. Scrape off and sand dried excess.

Patent Pending

Bond Strength ASTM D-905 (On Hard Maple)

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Strength psi</th>
<th>% Wood Failure</th>
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</thead>
<tbody>
<tr>
<td>Room Temperature</td>
<td>4000</td>
<td>57</td>
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</tbody>
</table>

Product Features
Passes ANSI/HPVA Type I water-resistance
Waterproof formula that cleans up with water
Superior strength - Strong initial tack
Designed for interior and exterior applications
Longer open assembly time
Lower application temperature
Unaffected by finishes
FDA approved for indirect food contact

Limitations
Not for continuous submersion or for use below the waterline. Not for structural or load bearing applications. Use when temperature, glue and materials are above 45°F. Store product below 75°F. Storage above this temperature may cause product to thicken and reduce the usable shelf life. If thickened, shake vigorously by firmly tapping bottle on a hard surface until product is restored to original form. Because of variances in the surfaces of treated lumber, it is a good idea to test for adhesion. Read MSDS before use. KEEP FROM FREEZING. KEEP OUT OF THE REACH OF CHILDREN.

Caution Statement
No caution information is needed. Please refer to the Material Safety Data Sheet for further information.

Ordering Information
<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Size</th>
<th>Units per Package</th>
<th>Weight</th>
<th>Packages per Pallet</th>
</tr>
</thead>
<tbody>
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<td>1411</td>
<td>1.25 oz. Bottle</td>
<td>50</td>
<td>60</td>
<td>160</td>
</tr>
<tr>
<td>1412</td>
<td>4 oz. Bottle</td>
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<td>8 oz. Bottle</td>
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<td>12</td>
<td>16</td>
<td>100</td>
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<td>1415</td>
<td>Quart Bottle</td>
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<td>1416</td>
<td>Gallon Bottle</td>
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<td>55 Gallon Drum</td>
<td>1</td>
<td>559</td>
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</table>

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 therefor. 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.

* Note by Ken Simpson of Portable Boat Plans:

When properly sealed and protected Titebond III can be used reliably for building small boats, such as the ones I design. All glued seams and joints must be properly sealed and protected from the water, using materials such as Thompsons Water Seal and the use of a good finish, such as Marine Spar Varnish. However, the boat must never be left in the water for extended periods of time, as moisture will build up in the wood and may cause premature structural failure. Always make safety your number one priority. Beach the boat out of the water when finished cruising, and always inspect the hull for minor irregularities. Repair and refinish as required.
This statement has been reviewed and approved by a Technical Specialist at Titebond for accuracy.

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