**U-100 MB-NS PF Synthetic Patch**

**Two-Component Polyurethane Wood Filler**

**DESCRIPTION**
U-100 Micro Bubbles-Non Shrink or U-100 MB-NS PF Synthetic Patch Resin is a two-component polyurethane wood filler. It works well in applications that require a long-lasting, smooth finish such as moulding, furniture grade plywood, door blanks, and any application where a smooth surface is required. It is designed with microscopic spheres to allow stain acceptance, machining, and easier sanding. U-100 MB-NS PF incorporates a special ingredient that minimizes product shrinkage on cure and helps maintain the smooth finish.

**WHERE TO USE**
- Moulding, Laminated Beams, Door Blanks
- Furniture Grade Milled Lumber
- Plywood Panels
- Industrial Mill Environments

**FEATURES AND BENEFITS**
- APA Approved – quality assurance
- Micro-Spheres – stainable, easier to sand and plane
- Special Ingredient - minimized shrinkage
- Smooth Finish – paintable
- Fully REACH Compliant

**PACKAGING**
- 5-gallon pails
- Drums, 55 gallons
- Totes, 330 gallons

**SHELF LIFE**
3 months from date of manufacture when properly stored. May require mixing after prolonged storage.

**STORAGE**
Store this product in a clean, dry, shaded or covered environment above 45°F (7.2°C). DO NOT FREEZE.

**TECHNICAL INFORMATION**

<table>
<thead>
<tr>
<th>TYPICAL PROPERTIES</th>
<th>Part A Resin</th>
<th>Part B ISO</th>
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</thead>
<tbody>
<tr>
<td>Density – lbs / gallon (Kg / L)</td>
<td>8.45 (1.01)</td>
<td>10.3 (1.24)</td>
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<tr>
<td>Viscosity, cps, ASTM D 4878</td>
<td>Part A Resin 2850 +/- 500</td>
<td>Part B ISO 200</td>
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<tr>
<td>Mix Ratio – Part A:B by volume</td>
<td>6:1</td>
<td></td>
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<tr>
<td>Set Time in seconds at 77°F (25°C) at70 mils</td>
<td>25 to 70</td>
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<tr>
<td>Color</td>
<td>Available in many colors</td>
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</tbody>
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**APPLICATION**
Willamette Valley Company metering equipment is highly recommended for the application of U-100 MB-NS PF. The metering equipment is specifically engineered for controlling the mix ratio, temperature, viscosity, and set time for U-100 MB-NS PF. Contact your Willamette Valley Company representative for information about metering equipment.

**ADVANTAGES**
Under Proper surface preparation and mixing conditions, U-100 MB-NS PF is fully approved the American Plywood Association for routed defects of up to 2.25” (5.7 cm) in diameter.

The Willamette Valley Company also offers an excellent Full Service Warranty.
DISCLAIMER OF WARRANTY

This product is supplied to the customer in a ready to use form. Any addition of water or other materials will result in degradation of the product performance.

NOTES

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HEALTH AND SAFETY

Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS please call 800 333 9826 or send an email to: msds@wilvaco.com.

CONTACT INFORMATION

Please see the side bar on this and the front page for the Division nearest to your location.

WILLAMETTE VALLEY COMPANY
www.wilvaco.com
info@wilvaco.com

OTHER DIVISIONS

EASTERN DIVISION
6662 Marbut Road
Lithonia, GA 30058-5234
Tel. 888. 878.9826

MIDWEST DIVISION
1549 Hwy 2
Two Harbors, MN 55616
Tel. 218.834.3922

PERFORMANCE COATINGS
1075 Arrowsmith Street
PO Box 2280
Eugene, OR 97402
Tel 541.484.9621
www.polyquik.com
www.wvcorailroad.com

PRECISION TECHNOLOGIES DIVISION
675 McKinley Street
Eugene, OR 97402
Tel 541.484.2368
www.pre-tec.com

SUBSIDIARIES

ECLECTIC PRODUCTS INC.
Corporate Office
1075 Arrowsmith Street
Eugene, OR 97402
Tel 541.284.4667
www.eclecticproducts.com

IDAHO MILL & GRAIN
445 North 430 West Hwy
Po Box188
Malad City, Idaho 83252
Tel 208.766.2206

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