



# ChemMasters®

SPECIALTY CONSTRUCTION PRODUCTS

# Polyseal™ Lumber Shield

Wax Emulsion End Sealer for Freshly  
Cut Logs & Lumber

## P R O D U C T                      D A T A

### DESCRIPTION

**Polyseal Lumber Seal** is a wax emulsion end sealer designed to protect freshly cut logs and lumber from damaging end checks and drying splits. **Polyseal LUMBER Shield** has ultra-low odor, superior freeze/thaw durability than competitive products for use in cold weather and can be used on all varieties of hardwood and softwood logs and lumber. **Polyseal LUMBER Shield** is a low Volatile Organic Compound (V.O.C.) water based product.

### USES

- Apply to freshly cut logs and lumber to prevent damage to ends from checks and splits
- Prevent stains and fungal growth on ends of freshly cut logs and lumber

### ADVANTAGES

- **Polyseal Lumber Seal** is a very low VOC emission product at <50 g/L VOC.
- Enhanced sealing of freshly cut logs and lumber to prevent loss of moisture leading to checks and splits
- Enhanced stain protection of cut ends
- Ultra-low odor

Physical Properties	
VOC content	< 50 g/l
Flash Point PMCC	>212°F (>100°C)
ASTM C 156 Moisture retention	>90%
Specific Gravity	0.92 to 0.96
Density	7.86 lb./gal. +/- 0.20
Viscosity	2,000 cps min.
Appearance	White emulsion - dries clear

### Directions for Use

Consult Product Data Sheet at [www.chemmasters.net](http://www.chemmasters.net) for complete information regarding product performance and usage.

**Mixing:** Mix well prior to use. Do not dilute.

**Surface Preparation:** Cut ends must be free of all dirt, mud, oil, grease, debris or other contaminants.

**Application:** Apply uniformly leaving no pinholes or gaps. Coat liberally until product begins to run. Optimal results are obtained by applying **Polyseal Lumber Shield** immediately after cutting.

**Spray Apply** with an air, electric, gasoline or backpack sprayer equipped with a 0.21" (0.55mm) tip or larger. Logs larger than 24"/60 cm in diameter will require a heavier coating, or two coats must be applied within a 15 minute period.

**Cleanup:** Before material dries and hardens, clean tools and equipment with warm water and detergent.

**Storage:** Do not allow to freeze. Store tightly sealed containers in cool, dry area above 50°F. Shelf life is one year from date of manufacture.

### Limitations

- **Polyseal Lumber Shield** may change the color/shading of certain wood varieties. ChemMasters recommends that you conduct a test application first if this is a concern.

### Packaging Part Number

5 gal pail (18.9 liter)	36 per pallet	F1250.05
55 gal drum (208 liter)	4 / pallet	F1250.55
275 gal tote (1041 liter)	1 / pallet	F1250.275

## TECHNICAL DATA

### Estimating Guide coverage rates vary with log/lumber porosity

Condition	ft <sup>2</sup> /gallon	m <sup>2</sup> /liter
Sealing	100	2.5
Optional 2nd coat	450	11

### Drying Time @ 70°F (21°C) with 50% R.H.

Recoat Window	15 minutes
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**Precautions: WARNING:**

May be harmful if swallowed. May cause an allergic skin reaction. Causes eye irritation. May be harmful if inhaled.

May cause respiratory irritation. **Precautionary Statements:** Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be stored. **Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. **Disposal:** Dispose of contents/container in accordance with local/regional/national regulations.

All label precautions and Safety Data Sheet must be fully understood before using this product. Keep out of reach of children.

**This Product is Formulated and Labeled for Industrial and Commercial Use Only**

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT PRODUCT & SAFETY DATA SHEETS AND PACKAGE LABEL FOR THIS PRODUCT. We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such as expressly offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.