



ECOBOND® LeadDefender®

Lead Based Paint Sealant and Treatment, Latex Primer & Paint



PROPERTIES		
Fill/Max Tint (oz)	124/4 per gal.	
VOC	<15 g/L	
Flashpoint	N/A	
Composition		
	Wt: 1 Gal	12 lbs
	Wt: 5 Gal	54 lbs
	Viscosity	90 kμ
PRODUCT TESTING		
<ul style="list-style-type: none"> EPA Method 1311: Reduces lead hazards by up to 95% ASTM E1613-12: Reduces airborne lead dust by up to 99% EPA 9200.1-86: Reduces relative lead bioavailability by up to 75% EPA Method 1312: Resists acid rain 		

PRODUCT DESCRIPTION: Specially formulated with patented lead treatment reagents, paint penetrators, paint softeners, and high quality water based latex paint to penetrate, bond, seal and treat existing lead paint applications and controls the spread of airborne lead. Advanced human bioavailability reduction, low odor, low VOC, quick dry penetrating resin, firm anchorage and paint application compatibility. For use on interior and exterior surfaces.

WHERE TO USE: Use to seal and treat lead paint/dust as a self-priming interior paint or to prep surfaces for most topical coverings, or as an exterior primer prior to application of standard exterior topcoat. Ideal for home, office, and commercial facilities. Superior adhesion on most properly prepared substrates, the unique **Paint-it-on Leave-it-on®** formula can be used on a variety of surfaces including (but not limited to):

- Wood
- Drywall/Plaster
- Steel
- Masonry
- Brick
- Metal
- Concrete
- Asphalt

RECOMMEND FILM THICKNESS

- Single coat 4-6 mil wet for typical application
- Incrementally layer up to 12 mil wet for higher concentrations of lead

COVERAGE

250-300 sf/gal depending on surface texture, porosity and application method

APPLICATION TEMPERATURE

50° – 90° F

APPLICATION TOOLS

- **Airless Sprayer:** Recommended tip size .017-.031, filters removed
- **Roller:** High quality 3/8 - 1/2" nap
- **Brush:** Nylon/polyester blend

DRY TIME AT 77° F, 50% RH

- To touch: 2-4 hours
- To recoat/topcoat: 4 hours

Application at lower temperatures, high humidity, or poor ventilation will affect dry time.

SURFACE PREPARATION

- Surface must be clean, dry, and free of dust, rust, grease, oil, and peeling paint that could interfere with adhesion
- Patch and repair any damaged areas such as holes and cracks
- High Gloss Surfaces may be prepared by application of a liquid deglosser and or TSP, rinse well and allow to dry; High gloss topcoat applications, may require scuffing
- Prepare masonry surfaces by applying a masonry sealer prior to LeadDefender® application. Remove all dust with a damp cloth, allow surface to dry

APPLICATION

- Eye protection is recommended
- Apply when air and surface temperatures are between 50-90° F
- Apply as supplied using a sprayer, roller, or brush
- Thoroughly mix prior to use for 1-3 minutes

APPLICATION (cont)

- Initial testing is recommended by painting a small area prior to full application to confirm compatibility
- Protect surface from rain or moisture until dry

CLEANUP AND DISPOSAL:

- Clean spills immediately with soap and warm water
- Wash hands, tools, and equipment with warm soapy water after use
- Dispose of all waste according to current local, state, and federal regulations





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SAFETY PRECAUTIONS:

- Follow lead work safe practices (<http://www2.epa.gov/lead/renovation-repair-and-painting-program>) and all appropriate guidelines (e.g. OSHA, NIOSH, EPA and all other applicable Federal and State Laws and Regulations).
- To control lead exposure, the use of a respirator, eye protection, and protective clothing is recommended.
- Use only with adequate ventilation, if you experience difficulty breathing; leave the area to obtain fresh air. If continued difficulty is experienced, seek medical assistance immediately.
- Avoid contact with eyes and skin; in case of eye contact, flush immediately with plenty of water for at least 15 minutes and seek medical assistance. For skin, wash thoroughly with soap and water.

LEAD WARNING: If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead.

DANGER – Harmful if swallowed; Keep out of reach of Children

This information is provided “as is” and no representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made with respect to this information or to any product referred to in this information. For SDS or to consult with a technical service representative, call 888-520-7132

WARRANTY: Manufacturer warrants that the products are free from defects in material and workmanship under normal use and proper storage. Manufacturer’s obligation under this warranty shall be limited to replacement of any product that may be defective within 30 days from the date of purchase, and which upon Manufacturer’s examination discloses to Manufacturer’s satisfaction to be defective, or at the Manufacturer’s option, to refund an amount equal to the purchase price paid. This warranty is expressly in lieu of all other warranties expressed or implied, including the warranties of merchantability and fitness for use, and of all other obligations or liabilities on manufacturer’s part, and manufacturer neither assumes, nor authorizes any other person to assume for manufacturer any other liability in connection with the sale of this product. This warranty shall not apply to product or any part thereof, which has been subject to freezing, excessive heat, dilution, improper mixing, improper surface preparation, improper storage, or improper application.

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For more information about the complete line of Lead Defender® products visit www.ecobondlbp.com

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DEFENSE AGAINST LEAD PAINT HAZARDS