

ECOBOND® OdorDefender™

Technical Data Sheet

ECOBOND® OdorDefender™ is a professional-grade Eco-friendly, odor-blocking paint specially designed for sealing & blocking dangerous odors and lingering fumes resulting from the secondary effects of cigarette, marijuana, fire, meth and other drugs as well as pet odors, and numerous other indoor air pollutants. The unique blend of food-grade mineral additives, alginates from seaweed and high-quality acrylic paint provide an excellent vapor barrier for the prevention of moisture and odor transference. ECOBOND® OdorDefender™ will seal, block, absorb and capture odors & fumes on multiple surfaces, as a self-priming interior paint or topcoat, such as drywall, various wood species, OSB, concrete, aluminum, steel, and PVC.

- High Odor Blocking Capabilities
- Excellent Absorption – Alginates from Seaweed
- May Be Used as a Primer or Top Coat
- Easy to Apply Using Any Method (roller, brush, sprayer)
- Eco-friendly with very Low VOC's
- Fire Resistant
- Mold and Mildew Resistant
- High Quality Paint - Provides good hiding
- Excellent Adhesion
- High Coverage Rate
- Easy Clean-up
- Tintable up to 4 oz. using a universal or water based colorant
- Smooth Finish

Note: Dry film preservatives offering excellent, long lasting protection against microorganisms, broad range mildew, algae and fungi that can grow on and potentially damage the coating. No added VOC.

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Physical Characteristics

Solids by weight – 38%

Density – 9.8 lbs. per gal

Viscosity – 95 – 105 KU

Gloss Rating – 2-5 at 60°

Flash Point – N/A

Water Vapor Permeability – 6 perms

Coating VOC - <15 ± 1%

Material VOC – 12 g/L

Odor – Very low odor

Shelf Life – N/A while product is stored at 50° – 90°F

Product Testing

- ASTM E84: To be fire resistant, Class A coating – Flame Spread of “5”, Smoke Developed “0”
- ASTM E96: Meets water vapor transmission for latex paint
- ASTM D5590-00 modified: Mold and mildew resistant

Recommended Use

Use to seal, block, absorb and capture odors and fumes on various surfaces as a self-priming interior paint or topcoat. Ideal for home owners, apartment/multi-family, hotels, offices, retail/commercial/industrial facilities and schools. Perfect for restorations by home owners, multi-family, land lords, property managers, restoration professionals, maintenance and cleaning crews when preparing a property for renting or resale.

Coverage

300-400 sf/gl depending on surface texture, porosity and application method.

Note: Recommended film thickness for single coat is 4-6 mil wet for typical application.

Additional layers may be required for stronger odors/fumes.

Drying Times (@70-77°F, 50% RH)

To the Touch – 2-4 Hours

To Recoat/Topcoat – 4 Hours

Note: High humidity, low temperatures and poor ventilation will affect dry times.

Recommended Application Tools

- Airless Sprayer: Recommended tip size .017 - .021
 - Roller: High quality 1/2" – 3/4" nap
 - Brush: Nylon/Polyester blend
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Mixing

Mix thoroughly for 1-3 minutes. Prior to use, mechanically shake or mix with a drill powered paint mixer.

Application

Prior to applying ECOBOND® OdorDefender™ it is important that the substrate be thoroughly cleaned and dry. ECOBOND® OdorDefender™ has superior adhesion on most properly prepared substrates. Apply when air and surface temperatures are between 50°-90° F and 10% to 60% relative humidity. Use a high quality 3/8-3/4" nap roller cover, nylon/polyester brush, or an airless sprayer (recommended tip size: .017-.021). Standard application is 1 - 2 coats at 6 wet mils each. For stronger odors another coat may be applied. Allow paint to dry to the touch prior to applying each coat.

Clean-up

Wash hands and tools with water. Clean up spills immediately with water.

Storage

Store in a dry place at temperatures between 50°F (4.5°C) and 90°F (32°C).

Disposal

Dispose of all waste in accordance too local, state and federal regulations.

Order/Packaging Size Information

Item Number	Description	Size	Weight
EODP144001	OdorDefender™	124 oz/4 oz Tint – 1 Gal	11 lbs.
EODP142005	OdorDefender™	620 oz/20oz Tint – 5 Gal	50 lbs.

Safety Precautions

- Follow lead work safe practices (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, use of a respirator, eye protection and protective clothing is recommended.
- Use with adequate ventilation, if you experience difficulty breathing, leave area to obtain fresh air. If continued difficulty, seek medical attention immediately.
- Avoid contact with eyes and skin; in case of eye contact, flush immediately with water and seek medical attention. For skin, wash thoroughly with soap and water.

DANGER – DO NOT TAKE INTERNALLY; KEEP OUT OF THE REACH OF CHILDREN

CAUTION - Close container after each use. Keep from Freezing

For Technical Information Contact ECOBOND® at 888-520-7132 or visit our website ecobondlbp.com

Warranty

Manufacturer warrants that the products are free from defects in material and workmanship under normal 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 purchase date.

Please visit ecobondlbp.com/warranty for full warranty information.

Disclaimer

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ECOBOND® OdorDefender™ is an ECOBOND® Paint, LLC Family of products

For more information about the complete line of ECOBOND® products visit EcoBondPaint.com

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