

**STATE OF CONNECTICUT - DEPARTMENT OF PUBLIC HEALTH
CHILDHOOD LEAD POISONING PREVENTION PROGRAM
410 CAPITOL AVENUE, MS#51LED, HARTFORD, CT 06134**

ENCAPSULANT PRODUCT FACT SHEET



Encapsulants are coatings that are applied in liquid or cementitious form and are made to be long-lasting barriers over lead paint. Conventional paint is not an encapsulant. Only the products listed in the Connecticut Department of Public Health Encapsulant Registry are authorized for use. The following information does not purport to address all of the safety concerns, if any, associated with the use of this product. It is the responsibility of the user of this product to establish appropriate safety and health practices and to follow instructions and recommendations of the manufacturer. The product named on this **fact sheet** has Connecticut authorization for lead paint abatement on interior and exterior surfaces.

**NAME: L-B-C®
Lead Barrier Compound Type II
REQUEST MSDS FROM: Fiberlock Technologies, Inc.
630 Putnam Avenue, Cambridge, MA 02139-0802**

PRODUCT DESCRIPTION:

Type: elastometric-thermoplastic water-based copolymer
Finish: eggshell
Tintable: contact manufacturer
Mixable with Another Product: No
Dilutable: No
Sizes: quart, 1, 5, 55 U.S. gallon containers
Disposal: in accordance with local, state, and federal regulations
Application Equipment: airless spray, brush, roller

VOC: 148 grams per liter
Mixing: ready to use, stir thoroughly
Color(s): antique linen, linen white, white custom
Paintable: Yes
Dry Time: 2-4 hours (to touch)
Full Cure: 15-30 days
Type of Cure: Coalescence
Flash Point: Not applicable
Clean-Up: warm, soapy water

Application To Achieve Required 7 MILS Dry Product Thickness

	<u>Number of Coats</u>	<u>Thickness Per Wet Coat</u>	<u>Thickness Per Dry Coat</u>	<u>Spreading Rate Per Wet Coat*</u>
Brush or Roller	2	8 - 10 mils	4 mils	200 ft ² /gal
Airless Spray	1	16-18 mils	7 mils	90-100 ft ² /gal

**Spreading rate does not include any loss during application*

RECOMMENDED USES:

WALLS: walls, chair rails, baseboards
DOORS: doors, jambs, headers and casings with additional preparation (stripping) of impact-friction surfaces
WINDOWS: sills, aprons, casings, mullions and headers with additional preparation (stripping) of impact-friction surfaces.
CEILING:
STAIRS: railing caps, handrails, balusters, newel posts, stringers
OTHER: curved wooden surfaces, shelves, floors, stair treads and stair risers provided they are covered with carpet, rubber treads or any other material that will prevent contact between the L-B-C® Lead Barrier Compound Type II and the source of contact. Working radiators up to 240 °F
CABINETS AND DRAWERS: nonfriction, nonimpact surfaces

USES NOT

RECOMMENDED:

OTHER: radiators where temperature exceeds 240° F, chalking surfaces (unless adequately prepared)

PROHIBITED USES: friction surfaces, impact surfaces, surfaces with calcimine paint, thresholds, window parting beads, window stops, window wells, window sashes, friction and impact surfaces of cabinets and drawers.

SURFACE PREPARATION: Applicable federal, state and local regulations or ordinances must be followed when disturbing lead paint. Prior to application of L-B-C® Lead Barrier Compound Type II, inspect all surfaces to be treated to insure they are clean, dry and free of all foreign matter including: dust, rust, grease, oil, mildew, glue size, calcimine, wax, soap, loose paint, etc. Patch and repair irregularities in surfaces with prepared vinyl paste or appropriate patching compound. Allow to dry and wet sand until smooth. Use appropriate stain blocking primer for water-damaged or discolored surfaces. For high gloss or newly painted surfaces, wet scour with any liquid surface cleaner, using a coarse scouring pad. Use mildew cleaner to remove mold and mildew from surfaces. Rinse with clean water after using any cleaner and allow surface to dry. Use metal primer to prepare surfaces that have rusted or are subject to rusting.

ENCAPSULANT APPLICATION: Apply product liberally and uniformly with a polyester or nylon brush to woodwork or trim. Apply with brush or roller using a 3/8" or 1/2" nap. Let dry before applying additional coats.

L-B-C® Lead Barrier Compound Type II must be applied when the atmosphere and surface temperatures are above 38°F. L-B-C® Lead Barrier Compound Type II may be painted over to provide desired aesthetic finish.

OCCUPANCY DURING APPLICATION: Occupancy is permitted during brush or roller application but not in immediate work area (i.e. same room). Occupancy is prohibited during spray application for worksite safety reasons. Occupants may return once spray application has ceased and encapsulant is dry to the touch.

OCCUPANCY AFTER APPLICATION: Yes. Residents can reoccupy areas encapsulated with L-B-C® Lead Barrier Compound Type II once application has ceased and encapsulant is dry to touch. Provide adequate flow through ventilation for the first 24 hours after application.

CAUTIONS: Use product in a well ventilated area. Wear a MSHA/NIOSH approved or equivalent respirator when applying encapsulant with an airless sprayer. Avoid contact with eyes and skin. Wear protective eye wear, gloves and protective clothing. Wash hands after using L-B-C® Lead Barrier Compound Type II. Product will not protect occupants from ingestion of the encapsulated lead-based paint if the surface is damaged, broken or abraded. Surfaces coated with L-B-C® Lead Barrier Compound Type II must be inspected routinely. **L-B-C® Lead Barrier Compound Type II must be fully cured when applied to radiators before heat is turned on.**

WARRANTY: L-B-C® Lead Barrier Compound Type II has a minimum twenty (20) year warranty with certain limitations (see product label). Notify Fiberlock Technologies, Inc. within forty-five (45) days to advise of any suspected manufacturing defects.

CARE AND MAINTENANCE: Surfaces encapsulated should be regularly inspected for holes, cracks, dents, peeling surfaces, bubbles or any other defect including water damage. Damaged surfaces should be repaired and re-encapsulated immediately to prevent exposure to the lead hazard.

REFERENCES:

Registry of Authorized Encapsulant Products by Childhood Lead Poisoning Prevention Program

Deciding Whether to Encapsulate by Childhood Lead Poisoning Prevention Program

Care and Maintenance of Encapsulated Surfaces by Childhood Lead Poisoning Prevention Program

Guidelines for Tenants and Property Owners by Childhood Lead Poisoning Prevention Program

Material Safety Data Sheet (MSDS) for L-B-C® Lead Barrier Compound Type II by Fiberlock Technologies, Inc.

FOR MORE INFORMATION CALL:

➔ Fiberlock Technologies, Inc. at 1-800-342-3755 Fax: (617) 547-6934

➔ Childhood Lead Poisoning Prevention Program (860) 509-7299