

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 surfaces.



NAME: L-B-C®
Lead Barrier Compound I (Interior)/Child Guard (Interior)

REQUEST MSDS FROM: Fiberlock Technologies, Inc.
630 Putnam Avenue, Cambridge, MA 02139-0802

PRODUCT DESCRIPTION:

Type: elastomeric-thermoplastic water-based copolymer
Finish: eggshell
Tintable: yes by authorized dealer
Mixable with Another Product: no
Dilutable: no
Sizes: 1, 5, 55 U.S. gallon containers
Disposal: in accordance with local, state and federal regulations
Application Equipment: airless spray (best), brush, roller
VOC: 209 grams per liter

Mixing: ready to use, mix thoroughly
Color(s): antique linen, linen white, white custom, custom colors available
Paintable: yes
Dry Time: 2-4 hours (to touch)
Full Cure: 12-24 days
Type of Cure: coalescence
Flash Point: none
Clean-Up: warm, soapy water

Application To Achieve Required 7 Mils Dry Product Thickness

	<u>No. 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	7-8 mils	3-4 mils	200 ft ² /gal
Airless Spray	1	17 mils	7-9 mils	90-100 ft ² /gal

Spreading Rate to Achieve Required Dry Film Thickness – 100 ft²/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 such as stripping of impact-friction surfaces
WINDOWS: sills, aprons, casings, mullions and headers with additional preparation such as stripping of impact-friction surfaces.
CEILINGS
STAIRS: railing caps, handrails, balusters, newel posts, stringers
OTHER: Curved wooden surfaces. Shelves with additional preparation such as stripping of impact-friction surfaces. Floors, stair treads and stair risers with additional preparation such as covering with carpet, rubber treads or other materials that will prevent contact between the L-B-C® Lead Barrier Compound Type I (Interior)/Child Guard (Interior) and the cause of the impact-friction. Working radiators where temperature does not exceed 240°F.
CABINETS AND DRAWERS: Non-friction, non-impact surfaces.

USES NOT RECOMMENDED: working radiators where temperatures exceed 240°F.

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

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 I (Interior)/Child Guard (Interior), inspect all surfaces to be treated to insure they are clean, dry and free of all foreign matter including: dust, rust, grease, oil, mildew, sizing residue, calcimine, wax, soap, loose paint, etc. Patch and repair irregularities in surfaces with prepared vinyl paste or appropriate patching compound. Allow to dry then wet sand until smooth. Use appropriate stain blocking primer for water-damaged, rusted or discolored surfaces. For high gloss or newly painted surfaces, wet scour with a 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. Wear gloves and protective eye wear if using caustics.

ENCAPSULANT APPLICATION: Stir thoroughly. For best results apply with airless spray. Apply product liberally and uniformly with a polyester or nylon brush to woodwork or trim. Use a wet mil gauge to control thickness. 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 I (Interior)/Child Guard (Interior) must be applied when the atmosphere and surface temperatures are above 50°F. L-B-C® Lead Barrier Compound Type I (Interior)/Child Guard (Interior) may be painted over with an acrylic latex topcoat.

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: Residents can reoccupy work areas encapsulated with L-B-C® Lead Barrier Compound Type I (Interior)/Child Guard (Interior) once application has ceased and encapsulant is dry to the 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 Approval No. TC-21C-287 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 I (Interior)/Child Guard (Interior). During application, wear safety glasses or goggles. 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 I (Interior)/Child Guard (Interior) must be inspected routinely. **When applied to radiators L-B-C® Lead Barrier Compound Type I (Interior)/Child Guard (Interior) must be fully cured before heat is turned on.**

WARRANTY: L-B-C® Lead Barrier Compound Type I (Interior)/Child Guard (Interior) 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 with L-B-C® Lead Barrier Compound Type I (Interior)/Child Guard (Interior) should be regularly inspected for holes, cracks, dents, peeling surfaces, bubbles or any other defect including water damage. Damaged surfaces should be properly repaired using lead-safe work procedures 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 I/Child Guard** by Fiberlock Technologies, Inc.

FOR MORE INFORMATION CALL:

- ➔ Fiberlock Technologies, Inc. at (800) 342-3755 Fax: (617) 547-6934
- ➔ Childhood Lead Poisoning Prevention Program (860) 509-7299