

**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 III (Interior/Exterior)/Child Guard (Interior/Exterior)

REQUEST MSDS FROM: Fiberlock Technologies, Inc.

630 Putnam Avenue, Cambridge, MA 02139-0802

PRODUCT DESCRIPTION:

Type: elastomeric-thermoplastic water-based copolymer

Finish: eggshell/architectural matte

Tintable: by authorized dealer

Mixable with Another Product: No

Dilutable: No

Sizes: 1, 5 and 55 U.S. gallon containers

Disposal: in accordance with local, state, and federal regulations

Application Equipment: airless spray, brush, roller

VOC: 85 grams per liter

Mixing: ready to use, stir thoroughly

Color(s): tintable white base, custom on request

Paintable: Yes

Dry Time: 1-2 hours (to touch)

Full Cure: 30 days

Type of Cure: Coalescence

Flash Point: Noncombustible

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	7 mils	3.5 mils	240 ft ² /gal
Airless Spray	1	14 mils	7 mils	120 ft ² /gal

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

RECOMMENDED USES:

WALLS: Walls, chair rails, and baseboards.

DOORS: Doors, jambs and headers with additional preparation such as stripping of impact-friction surfaces. Casings.

WINDOWS: Sills, casings, aprons and mullions. Headers with additional preparation such as stripping of impact-friction surfaces.

CEILINGS

STAIRS: Railing caps, handrails, balusters, newel posts, stringers.

OTHER: 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 III (Interior/Exterior)/Child Guard (Interior/Exterior) and the cause of the impact-friction. Working radiators where temperature does not exceed 212°F. Curved wooden surfaces.

CABINETS AND DRAWERS: Non-friction, non-impact surfaces of cabinets and drawers.

USES NOT

RECOMMENDED:

Chalking surfaces (unless adequately prepared).

PROHIBITED USES: Friction surfaces, impact surfaces, surfaces with calcimine paint, thresholds, window jambs, window parting beads, window stops, window wells, window sashes, friction and impact surfaces of cabinets and drawers, radiators where temperature exceeds 212°F.

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 III (Interior/Exterior)/Child Guard (Interior/Exterior), 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.

ENCAPSULANT APPLICATION: Stir thoroughly. 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 III (Interior/Exterior)/Child Guard (Interior/Exterior) must be applied when the atmosphere and surface temperatures are above 38°F. L-B-C® Lead Barrier Compound Type III (Interior/Exterior)/Child Guard (Interior/Exterior) 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 III (Interior/Exterior)/Child Guard (Interior/Exterior) 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 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 III (Interior/Exterior)/Child Guard (Interior/Exterior). 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 III (interior/Exterior)/Child Guard (Interior/Exterior) must be inspected routinely. **When applied to radiators L-B-C® Lead Barrier Compound Type III (Interior/Exterior) /Child Guard (Interior/Exterior) must be fully cured before heat is turned on.**

WARRANTY: L-B-C® Lead Barrier Compound Type III (Interior/Exterior)/Child Guard (Interior/Exterior) 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 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 III (Interior/Exterior)/Child Guard (Interior/Exterior) 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