

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: LeadMaster**

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

**PRODUCT DESCRIPTION:**

**Type:** elastomeric, thermoplastic, water-based copolymer  
**Finish:** eggshell  
**Tintable:** no - contact manufacturer  
**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, brush or 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 15 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	4-5	7-9 mils	3-4 mils	200 ft <sup>2</sup> /gal
Airless Spray	2	17 mils	7-8 mils	100 ft <sup>2</sup> /gal

Spreading Rate to Achieve Required Dry Film Thickness - 45 ft<sup>2</sup>/gal

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

**RECOMMENDED USES:**

**WALLS:** walls, chair rails, baseboards  
**DOORS:** doors and casings with additional preparation such as stripping of impact-friction surfaces  
**WINDOWS:** aprons, sills, casings 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 Lead Master and the cause of the impact-friction. Working radiators where temperature does not exceed 240°F. Curved wooden surfaces.  
**CABINETS and DRAWERS:** with additional preparation such as stripping of impact-impact surfaces.

**USES NOT RECOMMENDED:** working radiators where temperature exceeds 240°F.

**PROHIBITED USES:** friction surfaces, impact surfaces, surfaces with calcimine paint, thresholds, door jambs/headers, window stops/headers, window wells, window sashes, window parting beads, friction and impact surfaces of cabinets and drawers, any exterior surfaces.

**SURFACE PREPARATION:** Applicable federal, state and local regulations or ordinances must be followed when disturbing lead paint. Prior to application of Lead Master, 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. The best way to apply LeadMaster is by brush or roller application of multiple coats. Use wet mil gauge to control thickness. 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. Inexpensive low pressure airless "cup guns" will not handle the high viscosity of LeadMaster. Only professionals should attempt to apply LeadMaster using heavy-duty high-pressure airless equipment. Fiberlock Technologies can supply specifications for professional use. Let dry before applying additional coats. Lead Master must be applied when the atmosphere and surface temperatures are above 50°F. Lead Master 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 Lead Master 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 number 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 Lead Master. Product will not protect occupants from ingestion of the encapsulated lead-based paint if the surface is damaged, broken or abraded. Surfaces coated with Lead Master must be inspected routinely. **When applied to radiators Lead Master must be fully cured before heat is turned on.**

**WARRANTY:** Lead Master 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 Lead Master 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 LeadMaster by Fiberlock Technologies, Inc.

#### **FOR MORE INFORMATION CALL:**

- ➔ Fiberlock Technologies, Inc. 1-(800)-342-3755 Fax: (617) 547-6934
- ➔ Childhood Lead Poisoning Prevention Program (860) 509-7299