

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: Lead Block or Lead Cover (Identical Products)

REQUEST MSDS FROM: Coronado Paint® Company
308 Old County Road; Edgewater, Florida 32132-0308

PRODUCT DESCRIPTION:

Type: modified acrylic elastomeric resin, water based

Finish: satin

Tintable: yes - contact manufacturer

Mixable with Another Product: no

Dilutable: no

Sizes: 1, 5 U.S. gallon containers

Disposal: same as latex paint (follow local ordinances)

Application Equipment: airless spray (best), brush, roller

VOC: <80 grams per liter

Mixing: ready to use, mix thoroughly

Color(s): decorator white, colors

Paintable: yes (with alkyd or latex paints)

Dry Time: 4-12 hrs (to touch)

Full Cure: 14 days

Type of Cure: coalescence/crosslinking

Flash Point: none

Clean-Up: warm, soapy water

Application To Achieve Required 14-16 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	3-4	8-10 mils	4-5 mils	200 ft ² /gal
Airless Spray	2	14-16 mils	7-8 mils	100 ft ² /gal

Spreading Rate to Achieve Required Dry Film Thickness – 50 ft²/gal

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

RECOMMENDED USES:

WALLS: walls, chair rails, baseboards

DOORS: doors with additional preparation (stripping) of impact, friction surfaces.

WINDOWS: aprons

CEILINGS: ceilings without calcimine

STAIRS: balusters, newel posts, stringers.

Topcoat of alkyd or latex enamel required for railing caps, hand rails

OTHER: curved wooden surfaces, non-working radiators, shelves

CABINETS: nonfriction surfaces. Topcoat of alkyd or latex enamel required.

DRAWERS: nonfriction surfaces. Topcoat of alkyd or latex enamel required.

USES NOT RECOMMENDED:

WALLS: walls with chalking or calcimine

DOORS: casings, headers

WINDOWS: headers, sills, casings, mullions

CEILINGS: ceilings with calcimine

OTHERS: working radiators

PROHIBITED USES: floors, stair treads and risers, thresholds, window sashes, window parting beads, window stops, window wells, door jambs/edges, friction surfaces or any exterior surfaces.

SURFACE PREPARATION: Applicable federal, state and local regulations or ordinances must be followed when disturbing lead paint. Comply fully with product specifications. All surfaces must be clean, sound, dry and free of dust, rust, grease, oil, mildew and loose particles of paint before application. Remove all flaking and peeling paint down to a sound surface and vacuum all surfaces with a HEPA type vacuum to remove hazardous dust and particles while wearing at a minimum a powered, air-purifying respirator with high efficiency filters or a half mask supplied-air respirator operated in the positive-pressure mode. Repair damage with a joint compound and smooth over with a damp sponge to remove excess compound and blend into surrounding wall surface. Use Lead Block Caulk wherever caulking is required. Avoid dry sanding. Remove all oil, grease, wax, smoke residues and other contaminants by washing with a suitable cleaner and rinsing with clean water. Remove mildew by washing with a solution of one part household bleach to six parts water. Wear gloves and protective eye wear if using bleach solutions. For high-gloss surfaces, wet scour with TSP or a strong detergent substitute and water solution using coarse steel wool to eliminate any gloss. Thoroughly remove by washing any residual scouring material, detergent or other surface preparation material, and dry completely prior to application. Although no special primers are required, there may be occasions where a primer would be beneficial in the overall performance of the coating: prime water stains with stain blocking primer; prime chalking with a penetrating chalk primer after washing; prime bare wood with an enamel undercoat; prime drywall with a quality acrylic primer and sealer.

ENCAPSULANT APPLICATION: Apply in multiple coats. Achieve total thickness of 32-36 mils (wet), but do not exceed 36 mils. Use wet mil gauge when applying product. Do not apply if ambient temperature is below 45°F. Airless spray application in two coats (each 14-16 mils) is recommended for best results, including a smoother dry film. Use .017 to .019 inch orifice and a 60-mesh screen. If applied with a brush or roller, multiple coats are required to achieve required thickness. Expect 6-8 wet mils/coats by brush and 8-12 wet mils/coat by roller. Use a polyester or polyester/nylon brush. Use a high quality tapered trim brush with a filament density to achieve a smooth finish on all trim work. Application to a large smooth or any size rough area should be performed with a quality roller cover with ½ to ¾ inch nap. Regular paint topcoats may be applied over surfaces that have been sprayed, rolled or brushed with Lead Block-Lead Cover.

OCCUPANCY DURING APPLICATION: Occupancy is permitted during brush or roller application, but not in room or interior area being encapsulated. For spray application, occupancy is prohibited during the day for worksite safety reasons only. Occupants may return at the end of the workday.

OCCUPANCY AFTER APPLICATION: Yes. Provide adequate flow through ventilation for the first 24 hours after application.

CAUTIONS: Use product in a well ventilated area. If respiratory irritation develops, increase ventilation or wear respiratory protection. Use molded polymesh shell dust and mist respirator - MSHA, NIOSH Approval No. TC-21C-287 or equivalent - during spray application. Avoid contact with the eyes and skin. Wash hands thoroughly with soap and water after using. During application wear gloves and safety glasses or goggles.

WARRANTY: Lead Block or Lead Cover has limited product liability for 10 years. The purchaser shall notify Coronado Paint® Company, Technical Services Department at (904) 428-6461 within 30 days after any damage arising out of any defect in manufacturing.

CARE AND MAINTENANCE: Lead Block or Lead Cover will not protect occupants from ingestion of the encapsulated lead-based paint if surface is damaged, broken or abraded. Surfaces coated with Lead Block or Lead Cover must be inspected routinely for holes, cracks, dents, peeling surfaces, bubbles, and 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 Lead Block or Lead Cover by Coronado Paint® Company, Technical Services Department

FOR MORE INFORMATION CALL:

- ➔ Coronado Paint® Company, Technical Services Department, at (386) 428-6461 or (800) 883-4193 (Fax 904-427-7130)
- ➔ Childhood Lead Poisoning Prevention Program (860) 509-7299