

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: LeadLock_™ GE-40

REQUEST MSDS FROM: GLOBAL Encasement, Inc.
132 32nd Street, Union City, New Jersey, 07087

PRODUCT DESCRIPTION:

Type: 100% acrylic, non-toxic, water-based

Finish: flat (matte)

Tintable: no - contact manufacturer

Mixable with Another Product: no

Dilutable: no

Sizes: 5 and 55 U.S. gallon containers; small quantities

Disposal: in accordance with local, state and federal regulations

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

VOC: 5 grams per liter

Mixing: ready to use, stir thoroughly

Color(s): bright white; custom colors available

Paintable: yes

Dry Time: 2-8 hours

Full Cure: up to 14 days

Type of Cure: air dry

Flash Point: none

Clean-Up: soap and water

Application To Achieve Required 16 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	3-4	8-12 mils	4-7 mils	160-200 ft ² /gal
Airless Spray	2	14-16 mils	8-10 mils	80-120 ft ² /gal

Spreading Rate to Achieve Required Dry Film Thickness: 55 ft²/gal

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

RECOMMENDED USES:

EXTERIOR SURFACES: walls, trim, eaves, railings, columns, posts

WALLS: walls, chair rails, baseboards

DOORS: door, door casings

WINDOWS: sills, aprons, casings

CEILINGS: ceilings without calcimine

STAIRS: balusters, newel posts, stringers, handrails, railing caps

CABINETS: non friction surfaces

DRAWERS: non friction surfaces

OTHER: curved wooden surfaces, working radiators up to 240°F

USES NOT RECOMMENDED:

WALLS: walls with chalking or calcimine paint must be properly prepared.

CEILINGS: ceiling with calcimine must be properly prepared.

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

SURFACE PREPARATION: Applicable federal, state and local regulations or ordinances must be followed when disturbing lead paint. Before application of LeadLock™ GE-40, inspect all surfaces to insure that they are clean, sound, dry and free from dirt, grease, oil, wax, rust, mildew, flaking paint or any other contaminate that could affect proper adhesion and film performance. Any efflorescence or calcimine should be treated-consult factory. Remove surface dirt, grease and oil by washing surface with GE-IC1 Biodegradable Industrial Cleaner, follow label instructions, rinse thoroughly with water and allow to dry. For high-gloss or enamel surfaces, wet scour the glossy surface with GE-IC1 Biodegradable Industrial Cleaner and water solution with course bronze wool until the gloss is eliminated. Follow all label directions completely. Rusted metal should be treated with GE-Rustan or PSN-12 Rust-Inhibiting Primer, following the label instructions. Repair the surface irregularities using GE-15 Brushable Caulk or joint compound for interior wall or ceiling surfaces and exterior surfaces. Wash all surfaces thoroughly with GE-IC1 Biodegradable Cleaner, rinse completely with clean water and allow to dry thoroughly before application of GE-40.

Any bare surfaces resulting from surface preparation procedures should be spot primed with any appropriate primer for the surface, as listed.

Drywall/Plaster-PSN-10

Galvanized Steel-PSN-10

Masonry-PSN-10

Interior Wood-PSN-10

Ferrous Steel-PSN-10

Water Stained Surfaces - KILZ-2 sealer (or equal), then PSN-10

ENCAPSULANT APPLICATION: LeadLock™ GE-40 can be brush, roller or spray applied to achieve the recommended 16 to 20 dry mil thickness. Use wet mil gauge to monitor thickness to achieve adequate film build. Stir this product thoroughly before use. Do not thin or incorporate any additives into this product. Do not apply if surface or air temperatures are below 50 to above 95°F. For additional information refer to MSDS and manufacturer's application instructions. Airless spray application is the preferred method and will produce a more uniform and smooth finish. GE-40 should be applied at 14 to 16 mils wet film thickness (approximately 80 to 100 ft² per gallon) to achieve 8 to 10 mils dry film thickness per coat. Because of the 69% solids content of this material, the airless spray pump must be sufficient to pump the material when using a 0.023 to 0.027 tip orifice. Use only top quality tools so the smoothest possible finish can be obtained. For brush application, polyester or nylon/polyester filament brushes are recommended. For rollers, use short nap on smooth surfaces and longer nap on rough or textured surfaces.

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. Occupants may return at the end of the workday. Provide adequate flow through ventilation for first 24 hours after application.

CAUTIONS: LeadLock™ products are water-based, environmentally sound, and VOC compliant. 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 eyes and skin. Wash hands after using. During application, wear gloves and safety goggles. Do not take internally. Keep product away from children.

WARRANTY: LeadLock™ GE-40 can be covered by a 20-year Limited Warranty. Contact manufacturer for specific conditions on limited warranty prior to application. Notify GLOBAL Encasement, Inc., within the Limited Warranty period and no later than 30 days after any defect is noticed.

CARE AND MAINTENANCE: LeadLock™ GE-40 TopCoat will not provide protection from ingestion of the encapsulated lead based paint if the encasement system is broken, damaged, abraded or the film has been breached in any way. The coated surface should be regularly inspected and damaged area repaired immediately.

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 LeadLock™ GE-40 by GLOBAL Encasement, Inc.

LeadLock™ GE-40 Label from Container by GLOBAL Encasement Inc.

FOR MORE INFORMATION CALL:

➔ GLOBAL Encasement, Inc. at 1-800-266-3982 or (201) 902-9770 (Fax 212-354-8650)

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