

**STATE OF CONNECTICUT - DEPARTMENT OF PUBLIC HEALTH
CHILDHOOD LEAD POISONING PREVENTION PROGRAM
410 CAPITOL AVENUE, 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: SE-110 Penetrating--Stabilizer & SE-120 Protective--Skin Encapsulating System

REQUEST MSDS FROM: Safe Encasement Systems
7860 Dana Point Court, Suite R
Las Vegas, NV 89117-1927

PRODUCT DESCRIPTION:

Type: acrylic elastomeric coating system
Finish: SE-110 - white applied, clear tacky finish
 SE-120 - matte
Tintable: SE-110 - No
 SE-120 - Yes, by authorized dealer
Mixable with Another Product: No
Dilutable: No
Sizes: 5 gallon containers or 55 gallon drums.
Disposal: in accordance with local, state, and federal regulations
Application Equipment: airless spray, brush, roller
VOC: 23 g/l
Mixing: power shake, hand-stir or use approved power-mixing tool

Color(s): SE-110 - White
 SE-120 - tintable white base, custom colors available upon request from authorized dealer.
Paintable: SE-110 - No
 SE-120 - Yes with written permission from SES
Dry Time: SE-110 2-24 hours (clear, tacky to touch)
 SE-120 2-8 hours (to touch)
Full Cure: 3 to 30 days
Type of Cure: coalescence
Flash Point: N/A
Clean-Up: soap and water

Application to achieve required 5 Mils Dry Product Thickness for SE-110 and 7 Mils Dry Product Thickness for SE-120

	<u>Number of Coats</u>	<u>Thickness Per Wet Coat</u>	<u>Thickness Per Dry Coat</u>	<u>Spreading Rate Per Wet Coat*</u>
<u>SE-110</u>				
Brush or Roller	1-2	10-16 mils	5-8 mils	100-150 ft ² /gallon
Airless Spray	1-2	10-16 mils	5-8 mils	100-150 ft ² /gallon
<u>SE-120</u>				
Brush or Roller	1-2	10-18 mils	7-12 mils	90-150 ft ² /gallon
Airless Spray	1-2	10-18 mils	7-12 mils	90-150 ft ² /gallon

*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, apron, and mullions. Headers with additional preparation such as stripping of impact-friction surfaces.
CEILING:
STAIRS: Railing caps, handrails, newel posts, stringers, balusters
OTHER: Shelves and stair risers with additional preparation such as stripping of impact-friction surfaces. Curved wooden surfaces. Radiators.
CABINETS AND DRAWERS: Non-friction, non-impact surfaces.

USES NOT RECOMMENDED:

WALLS: Surfaces with Calcimine paint
DOORS: Friction surfaces
WINDOWS: Friction surfaces
CEILING: Surfaces with Calcimine paint
CABINETS and DRAWERS: friction and impact surfaces
OTHER: friction and impact surfaces

PROHIBITED USES: friction surfaces, impact surfaces, surfaces with Calcimine paint, thresholds, window parting beads, window stops, window wells, window sashes, friction and impact surfaces of cabinets and drawers.

SURFACE PREPARATION:

Applicable federal, state and local regulations must be followed when disturbing lead paint. Surfaces must be free of any grease, oils or excessive dirt, and the surface must be dry. Use HEPA vacuuming and approved wet methods for cleaning, de-glossing, mold or mildew remediation or for removal of loose and flaking paint (these methods can include wet sanding blocks, bleach and water for mold and mildew remediation). *Dry sanding, scraping or other procedures that will disturb lead-containing materials or generate lead dust are prohibited.* Work needs to be properly contained to insure that lead-containing materials do not become airborne, spill on the ground and to safeguard workers and residents, including children.

Prior to applying the SE-110 material, proper removal of extremely loose or curling flakes of paint is recommended.

ENCAPSULANT APPLICATION:

If mixing is needed, power shake, hand stir or use an approved power mixing tools. This product can be applied by brush, roller or airless-spraying. Apply each coat of product (SE-110 and SE-120) to a thickness of 10 wet mils (minimum) to establish the encapsulating system. Use a wet mil gauge to monitor and maintain proper application thickness. Do not apply when relative humidity is 95% or greater, if temperatures are below 50 degrees F nor when weather conditions will not permit proper drying before rain or freezing.

OCCUPANCY DURING APPLICATION:

Occupancy during application should be restricted only to workers who are properly protected. Residents and all others shall be out of the dwelling unit during application process.

OCCUPANCY AFTER APPLICATION:

Occupancy after application is restricted until the completion of application, cleanup is completed and the applied materials are dry to the touch and odors are no longer present. Continue ventilating the area for 48 hours following completion of the application.

CAUTIONS:

Warning: this product may contain trace amounts of styrene and volatile acrylate monomers, which can be inhaled during spray, brush or roller applications and during the curing process. Therefore, the following precautions are required: a) Respiratory protection (MSHA/NIOSH approved respirator suitable for organic vapors) regardless of application method. b) Mechanical ventilation to minimize the potential for respiratory exposure and to quicken the curing process. c) Residents and all others except properly protected applicators must be out of the dwelling unit. d) Re-occupancy only after applied materials are dry to the touch and odors are no longer present. e) Continue ventilation of the area for the following 48 hours after application. f) Wash hands and face before eating or drinking. *Do not take product internally.*

WARRANTY:

When properly applied by a Certified Applicator, the SE-110/SE-120 encapsulating system can be covered by a Limited Warranty for up to 20 years. Contact Safe Encasement Systems for Limited Warranty information. Notify Safe Encasement Systems within five (5) calendar days to advise of any product breakdown.

CARE AND MAINTENANCE:

To avoid damaging freshly applied materials, avoid excessive contact or impact for 48 hours following application. If damage occurs a Certified Applicator should touch-up with SE-120 Protective Skin material. Encasement materials can require 3 to 30 days to fully cure. Encapsulated surfaces should be regularly inspected for holes, cracks, dents, peeling surfaces, bubbles, or any other defects including water damage. Damaged surfaces should be immediately repaired by a Certified Applicator (see Limited Warranty).

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 SE-110 Penetrating--Stabilizer & SE-120 Protective--Skin by Safe Encasement Systems

FOR MORE INFORMATION CALL:

- ➔ Safe Encasement Systems at (888) 277-8834 Fax: (877) 277-8835
- ➔ Childhood Lead Poisoning Prevention Program (860) 509-7299