



# 09990 MOLD REMEDIATION, LEAD-BASED PAINT ABATEMENT WITH CORROSION CONTROL AND ENCASEMENT OF ASBESTOS FIBERS (ACM).

## 1. PRODUCT NAME

**SE-110-MS Multi-Surface Primer/Encapsulant.**  
**A Water-Based Multi-Surface Primer and Encapsulant with Mold and Corrosion Protection.**  
Safely Stabilizes Hazardous Including Rusting Metal.

## 2. MANUFACTURER

**SAFE ENCASEMENT SYSTEMS**  
www.safeencasement.com

## 3. PRODUCT DESCRIPTION

**SE-110-MS** is a water-based, clear, non-toxic multi-surface primer that penetrates, stabilizes and seals friable damaged paint or fibrous insulation surfaces, while providing long-lasting corrosion protection while it also inhibits mold growth.

**SE-110-MS** has tenacious adhesion, with superior humidity and salt-spray resistance qualities. It shrinks as it dries to form a clear, tacky protective film that has superior low temperature flexibility (elongation to 4000% at 70°F).

**SE-110-MS** is an excellent primer for use over deteriorating interior or exterior surfaces including walls, ceilings, old wood, windowsills, duct and pipe insulation, fiber reinforced plaster or pre-1978 paints, including on corroded (rusting) metal surfaces and including surfaces after mold treatment.

**SE-110-MS** is ready to use and should not be diluted with water before application. \*Pre-treatment: to remove efflorescence or soluble salts from surfaces, see SE-C\*R, (5PPM after treatment, use test kits).

**SE-110-MS** is to be overcoated with SE-120 Protective-Skin top-coat to form a SAFE Encasement System that can be warranted for 5, 10 or up to 20 years, (see Limited Warranty for details).

## BENEFITS:

- Reduces or Eliminates the Potential for Release of Hazardous Fibers, Dusts, etc. from priming these Surfaces.
  - Safely Seals, Stabilizes & Protects Aging, Friable Paint on All Dry Surfaces.
  - Can be Applied Directly Over Rusting Metal Surfaces. \*
  - **Helps Prevent Mold Growth Retards Corrosion and Rust Bleed-Through.**
  - Safe & Easy to Use, Non-toxic, Cleanup is with Water & Soap.
  - System Adds Sound Absorption and Insulation Qualities.
- Make Surfaces "LEAD-SAFE"**
- Abatement by Encasement: Safeguarding People while Saving Money<sup>SM</sup>.

## APPROVALS:

- Complies with ASTM E-1795-97, non-toxic, passed all tests when used with SE-120 Protective Skin (interior and/or exterior surfaces).
- Complies with CDPH Standard Method V1.2

## 4. TECHNICAL DATA

- ASTM E84-99, Surface Burning Characteristics, Class I, Flame Spread Index = 10, Smoke Developed Index = 15, (this is equal to NFPA 255, ANSI/UL #723, and UBC 8-1).
- ASTM E119-98, 3-hour Fire Test (no negative effect on fireproofing performance).
- ASTM E1494-92, 2-hour Fire Test of encased fireproofing on a steel deck (no negative effect on fireproofing performance).
- Passed University of Pittsburgh Combustion Toxicological Testing Protocol (no acute lethality of thermal decomposition products).
- ASTM E162-98, Surface Flammability with a Radiant Energy Source ( $F_s \times Q = I_s$ ).
- ASTM E736-93, Passed Cohesion/Adhesion Testing.

- ASTM B-117 (+1500 hours).
- ASTM D-4585 (+1500 hours).
- ASTM D-3960, VOC 3.2 gm/liter
- ASTM D-1653, (0.6 perms).
- Solids by volume 45% (+/-5%)
- Weight = 8.7 lb. per gallon
- Liquid appearance - milky white
- Dried appearance – clear, tacky
- Re-coat time – 1 to 24 hours

## 5. INSTALLATION

- ✓ May be applied by air-less sprayer, brush or roller.
- ✓ Apply at temperatures at or above 50°F and not when rain is expected.
- ✓ Coverage rates can be determined through a "Test-Patch" that is required in some states and recommended elsewhere. Refer to specific Guide Instructions for help estimating coverage rates on various types of substrates.
- ✓ For rusting surfaces a coverage rate of 100-150 sq. ft. per gallon (10-16 wet mils) is recommended for initial tests to determine rates.

## 6. AVAILABILITY & COST

SAFE Encasement Products may be purchased from CSI Paint, 257 Walnut Street, Napa, CA 94559. For more information call (707) 255-5489, visit [www.csipaints.com](http://www.csipaints.com) or e-mail us at [info@csipaints.com](mailto:info@csipaints.com).

## 7. WARRANTY

Various warranties are available for specific Encasement Systems installed by trained Applicators.

## 8. MAINTENANCE

Periodic inspections of Encasement Systems help ensure extended performance with reduce costs.

## 9. TECHNICAL SERVICES

Additional technical information, product brochures and Guide Specifications are available from our Technical Sales Consultants.

## 10. FILING SERVICES

Additional product information is available upon request.

