



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 SM.

APPROVALS:

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

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 (with SE-110-MS or SE-120) 48 to 72 hours if recoating with 100% acrylic topcoat eggshell or higher sheen only. DO NOT USE FLAT WITH THIS SYSTEM.

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 or e-mail us at 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.

