



# 09990 LEAD-BASED PAINT ABATEMENT, ENCASEMENT OF ASBESTOS AND MOLD REMEDIATION

PDS SE-120 (01-2006)

## 1. PRODUCT NAME

### SE-120 Protective-Skin

(Water-based Top-coat)

Specialty Elastomeric Encapsulant

## 2. MANUFACTURER

### SAFE Encasement Systems

8689 W. Sahara Ave., Suite 160

Las Vegas, NV 893117-5871

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## 3. PRODUCT DESCRIPTION

SE-120 is a water-based, non-toxic, high-solids, 100% acrylic coating that is rust- mildew- and fire-resistant. Suitable for application over friable damaged paint and fiber containing insulation, it bonds with SE-110 Penetrating-Stabilizer (primer) to form a tough, seamless flexible protective barrier.

SE-120 is excellent for use over interior or exterior surfaces and is suitable for application over walls and eaves, metal or Transite siding, textured ceilings, old wood, windowsills, fiber glass duct and pipe insulation, fiber-reinforced plaster, fireproofing insulation on structural steel or concrete.

*SE-120 is ready to use and should not be diluted with water before application. On LBP surfaces, a "Test Patch" and an "X-Cut Tape Test" are required in the States of MA and CT, and is recommended elsewhere. Consult with the SES Sales Representative for limitations on treatment of friction surfaces.*

SE-120 Protective-Skin applied over dry SE-110 Penetrating-Stabilizer, safely stabilizes, seals and encases the surface with a tough, flexible protective covering that is highly impact- abuse- and household chemical- resistant. SAFE Encasement Systems can be warranted for up to 20 years (see Limited Warranty for details).

## BENEFITS:

- ✓ Abatement by Encasement: Safeguarding People while Saving Money<sup>SM</sup>.
- ✓ Over-Coats & Protects Surfaces that Contain Lead or Asbestos.
- ✓ Reduces or Eliminates the Disturbance of Hazardous Materials.
- ✓ Minimizes Waste Disposal.
- ✓ Safe & Easy to Use, Non-toxic, Clean up with Water & Soap.
- ✓ Lowers Job-site Liabilities.
- ✓ Encasement Seals & Stabilizes Hazardous Risk Building Surfaces.
- ✓ An Affordable Solution that Prolongs the Life of a Building.

## APPROVALS:

- ASTM E-1795-97, Non-toxic, passed all tests when used with SE-110 Penetrating-Stabilizer (interior & exterior approvals).
- MA DPH Approved (DL-12571).
- Approved in the States of NY, MA, MN, CO, OH & CT.
- Listed by CA Fire Marshals Off.

## 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 (over 300 PSI).

- ASTM D-3960, Low VOC's.
- ASTM D-1653, (0.6 perms).
- Solids by volume 60% (+/-2%).
- Weight = 11.5 lb. per gallon.
- Viscosity = 115 to 130 KU.
- Re-coat time = 2 to 8 hours.
- Liquid color – white or tinted (custom colors available).

## 5. INSTALLATION

- Apply with air-less sprayer, (#17 to #23 tip) brush or roll.
- Apply at temperatures at or above 50°F to 100°F.
- Coverage rates can be determined through a "Test-Patch" or refer to specific Guide Instructions for help estimating coverage rates on various types of surfaces.
- For painted surfaces a coverage rate of 100-150 sq. ft. per gallon (10-16 wet mils) is recommended for initial tests and estimation of coverage.
- For encasement of fiber containing fireproofing and insulation, a coverage rate of 40-160 sq. ft. per gallon is recommended.

## 6. AVAILABILITY & COST

SAFE Encasement Products may be purchased nationally or locally. For more information call (888) 277-8834 or (702) 360-6111.

## 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 and reduced 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.

