

SerpiFlex is a concentrated product designed to be applied either full strength as a bridging encapsulant or reduced with potable water (as indicated in the following formulations) for other applications as described. Always use clean, potable water. Mix and apply with equipment that has been thoroughly cleaned to avoid the introduction of contaminants that could negatively affect the product or clog spray equipment.

Protect surfaces from overspray or drippage by using drop cloths or masking where necessary. Clean up using soap and water before curing. Always mist surface with gun 36" away, to bind loose, minute fibers prior to first coat.

Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and you family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### PENETRATING MIX (Formula #1)

For friable, porous, sprayed-on fireproof or acoustical insulation ¾" thick or greater.

- 5 gallons (19L) SerpiFlex to 6 gallons (22.8L) water. (45% SerpiFlex : 55% water)

#### APPLICATION:

- Apply by airless spray.
- Application Rate: 30 ft2/gallon per ¾" of penetration.
- Apply in multiple coats in one application.
- Keep spray gun moving, apply until surface glistens or material appears on surface.
- Apply heavy 1st coat using 2/3 of material.
- Let dry 4 hours. Apply balance of material.
- For hybrid approach, apply Bridging mix as a final coat.

### BRIDGING MIX (Formula #2)

For cementitious sprayed-on fireproofing or acoustical up to ¾" thick.

- 5 gallons (19L) SerpiFlex to 1 gallon (3.8L) water. (83% SerpiFlex : 17% water)

#### APPLICATION:

- Apply by airless spray. Use small tip to avoid splash-back. .017" tip size.
- Apply at 50-100 ft2/gallon
- Use 2/3 on 1st coat. Balance on 2nd.
- Use brush for touch up (if needed) after drying.

### PRECAUTIONS

Store in a dry place at temperatures between 40°F and 100°F. Keep closures tight and containers upright to prevent leakage. Product is non-combustible. When applying with a sprayer, wear a NIOSH approved respirator with any R, P, N or HE filter. Approved respirators must be used to prevent inhalation of asbestos fibers that may be present in the air. Protective clothing should be worn.

All asbestos abatement activities must be performed in accordance with all applicable regulations including EPA, OSHA, Federal, State and Local. The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should be sealed and labeled and land-filled or incinerated according to local, regional and national regulations. For more information always contact the appropriate agencies prior to beginning any abatement project.

### FULL STRENGTH (Formula #3)

For pipe covering, boilers, ducts, & breeching repairs

#### APPLICATION:

- Apply by brush, roller or spray over entire surface, using 2 to 3 coats as needed.
- Use fiberglass or scrim cloth to repair damaged areas. Embed and coat fabric with SerpiFlex.
- For filling depressions, voids or large damaged areas, use SerpiMastic.
- Rate varies 100-200 ft2/gallon per coat – multiple thin coats work best.
- For pipes use 4" spray Fan Tip to avoid overspray.

### REMOVAL (Formula #4)

For Fiber Free Removal

- 1 gallon (3.8L) SerpiFlex to 5 gallons (19L) of water (17% SerpiFlex : 83% water)

#### APPLICATION:

- Apply as needed for removal: Approximately 50 ft2/gallon per 1" of penetration.
- Use .022" tip size or larger.
- Spray multiple coats in one application – allow for SerpiFlex to absorb to substrate before removing.

### POST-REMOVAL MIX (Formula #5)

For Post Removal Assurance

- 5 gallons (19L) SerpiFlex to 6 gallons (22.8L) water (45% SerpiFlex : 55% water)

#### APPLICATION:

- Use airless spray equipment Titan or equal. 3/8" to 1/2" hose with .017" tip, 12" fan.
- Post Removal Assurance Rate 450 ft2/gallon.
- One coat as needed.
- Compatible with most insulation and fireproofing spray back products.

### GROUND SEALER MIX (Formula #6)

For crawl spaces and other contaminated soil area

- 5 gallons (19L) SerpiFlex to 6 gallons (22.8L) water (45% SerpiFlex : 55% water)

#### APPLICATION:

- Use airless spray equipment Titan or equal. 3/8" to 1/2" hose with .022" tip, 12" fan.
- Apply multiple coats in one application
- Keep spray gun moving, apply until surface glistens or material remains on surface as needed.
- Rate of 30 ft2/gallon per 1" of penetration. (Average)
- Will not penetrate wet or clay earth. Rate of penetration will vary according to different soil conditions.



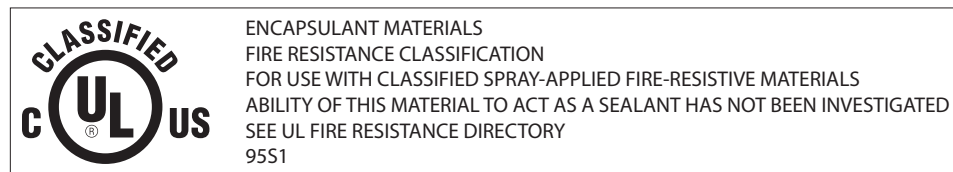
# SerpiFlex

## Asbestos Encapsulant

# CONCENTRATED ASBESTOS ENCAPSULANT

- Deep Penetrating
- Easily Applied
- UL Classified

- Multipurpose Formula
- Meets or Exceeds EPA/OSHA Requirements



U.L. 263, ASTM E119 Fire Test for Lock-Down Encapsulant



NET CONTENTS: 5 Gallons (18.9 L)  
For Professional Use Only

# 2451-5 White

### CAUTION! KEEP OUT OF REACH OF CHILDREN.

Do not take internally.  
Close container after each use.  
Keep from freezing.

24 hour Emergency "CHEM-TEL" - 1-800-255-3924

Calculated VOC: 76 g/l  
Meets or exceeds ASTM E119

Shelf Life: 36 Months Min. (Original sealed container and according to proper storage instructions)

FIBERLOCK SERPI-FLEX WHITE 2451  
DANGER | DANGER



H319 - Causes serious eye irritation.  
H317 - May cause an allergic skin reaction.  
H350 - May cause cancer.  
H360 - May damage fertility or the unborn child.  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H401 - Toxic to aquatic life.

Obtain special instructions before use.; Do not breathe dust/fume /gas/mist/vapours/spray.; Wear protective gloves/protective clothing/ eye protection/face protection.; Use personal protective equipment as required.; Avoid release to the environment.; Contaminated work clothing should not be allowed out of the workplace.; See SDS for full list of P phrases

IF exposed or concerned: Get medical advice/attention.; Specific treatment (see advice on this label); Wash contaminated clothing before reuse.; IF ON SKIN: Wash with plenty of soap and water.; IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.; Get medical advice/attention if you feel unwell.; See SDS for full list of P phrases

Canadian Contact Info:  
4050-B Sladeview Crescent Suite 200  
Mississauga, ON L5L 5Y5 Canada

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

For Technical Information call 800.342.3755

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, nor its agents shall be responsible for the use of this product or any procedures or apparatus mentioned. We recommend that the prospective user determine the suitability of, for each specific project and for the health and safety of personnel working in the area.

For additional information check Safety Data Sheet (SDS) or Product Data Sheet (PDS) available online at [www.serpisystems.com](http://www.serpisystems.com).

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