Managing Lead-Based Paint with GLOBAL Encasement, Inc.

www.encasement.com
A Pro-Planet Company with Green Coatings

GEI products as your best value investment offer:

- High quality, high performance non-toxic, water-based super compliant zero and low VOC architectural green coatings engineered and manufactured using fresh 100% acrylic polymers and copolymers

- Field proven Class A Fire Rated and extensively tested by third party independent and accredited laboratories

- Environmentally perfect, cost effective, long-lasting, warranted coating system designs that give proven measurable results and can provide answers to your toughest building maintenance challenges

Proven, Original Customer System Designs
Manage-in-place Asbestos and Lead
Solar/Heat Reflective Roof Coating Systems
Roofing and Building Retrofits
Weatherproof Building Exteriors
Historic Preservation

Why Replace? – Just Encase!

World-Class Solutions for Better Building Environments

701 E. SANTA CLARA ST., VENTURA, CA USA
(TEL) 800-266-3982 / (FAX) 800-520-3291
www.encasement.com
GLOBAL Encasement, Inc. products have passed Independent Testing by third party, independent accredited laboratories and results have met or exceeded the minimum requirements to pass all the test procedures listed below.

**Southwest Research Institute, TX**
- ASTM E162  Surface Flammability of Materials - Class A.
- ASTM E119  Does not adversely affect rating of fireproofing.

**European Certification Tests**
- EN 13823  Class B - Reaction to fire tests for building products.
- EN ISO 11925-2  Class B - Reaction of fire tests – Ignitability of building products subjected to direct impingement of flame.

**Warrington Fire Safety Labs, UK**

**Anderson Laboratories, Inc., MA**
- UPITT Test for Combustion Product Toxicity (nothing toxic is released in a fire).

**CalCoast Analytical Laboratories, CA**
- ASTM D1653  Moisture Vapor Transmission
- ASTM E313  Yellowing
- ASTM E96  Moisture Vapor Transmission
- ASTM D4214  Chalking
- ASTM D522  Elongation / Flexibility
- ASTM D2794  Impact Resistance
- ASTM D714  Blister Resistance
- ASTM D610  Rust Resistance
- ASTM G-53  QUV Exposure (1000 hour test)
- ASTM E736  Adhesion
- ASTM C732  Accelerated Weathering (1000 hour test)
- EPA METHOD 24  Volatile Organic Content (VOC)
- HELP Technical Document #100-93 Lead Access Testing (passed)

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Testing and Approvals

D.L. Laboratories, Inc., NY

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Roof Testing and Approvals

UL 790 | Underwriter’s Laboratories UL 790 Class A Rating, Listing #R15397
ENERGY STAR® | GLOBAL Encasement, Inc. is an ENERGY STAR® PARTNER and its RoofCoat products have earned the ENERGY STAR® label because it meets and exceeds the US EPA’s specifications for solar reflectance and reliability. ENERGY STAR® labeled roof products are designed to help save money on utility bills and reduce energy wastage.

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An investigation of the external fire resistance characteristics of our water based acrylic topcoat (AsbestoSafe®/Your Last Coat™/RoofCoat™) applied over a rated and unrated built up roof deck was conducted. Based on the results, the roof covering and coating system meets the Class "A" Burning Brand and Class "A" Intermittent Flame over a Class "A" rated roof system and meets Class "B" Burning Brand and Intermittent Flame acceptance criteria over unrated roof systems.

The combination of these two evaluations on both rated and un-rated BUR and 3-tab composition roofing systems has established the coating system will not change the existing roof system rating, Class A, B or C."

**Mold/Mildew Testing**

- ASTM D4488: Guide for testing cleaning performance of products intended for use on resilient Flooring and washable walls (Premeclean™)
- ASTM D3273: Standard test method for resistance to growth of mold on the surface of interior Coatings in an environmental chamber
- ASTM D3274: Standard test method for evaluating degree of surface disfigurement of paint Films by microbial (fungal or algal) growth or soil and dirt accumulation
- ASTM G21: Standard practice for determining resistance of synthetic polymeric materials to fungi

**Approvals and Acceptances**

- **U.S. Government Contract #GS06F0010J** - Worldwide GSA Federal Supply Service Multiple Award Schedule
- Complies with **U.S. Executive Orders** for Energy Efficiency and Pollution Prevention, former Executive Order 13101 and current Executive Order 13423.
- **DL Labs Certified 20-Year Lead Encapsulant and ASTM E1795 Tested**
- Approved for use worldwide and in all the United States (Ohio, Connecticut, New York, Maryland, New Jersey, Colorado, Michigan, Kentucky, Minnesota, California, Texas, New Hampshire, Rhode Island, Vermont, Hawaii, Illinois, Alaska, Maine, Delaware, Pennsylvania, Virginia, Utah, Iowa, Idaho, Tennessee, Georgia, Missouri, Louisiana, Alabama, Mississippi, Kansas, Nebraska, Florida, Washington, Oregon, Montana,

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Testing and Approvals

Nevada, Arizona, New Mexico, Oklahoma, Texas, Indiana, Arkansas, Wisconsin, West Virginia, Kentucky, North Carolina, South Carolina, North Dakota, Wyoming

- Approved for use in all the U.S. Territorial Governments, including, Guam, Midway Islands, Federated States of Micronesia, American Samoa, Puerto Rico and U.S. Virgin Islands
- Encasement is a US Environmental Protection Agency (EPA) Accepted abatement method
- Energy Star Partner - Energy Star is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping to save citizens money and protect the environment through energy efficient products and practices.
- Approved for interior and exterior use by all United States Departments of Health
- Passed Massachusetts Dept. of Public Health Encapsulation Product Performance Protocol
- Specified and used worldwide, including Japan, Philippines, South Korea, United Kingdom, Austria, Romania, New Zealand, Canada, Mexico, Barbados, Cayman Islands
- Accepted by the Canadian Government and Approved by the Canada Ministry of Labour
- Underwriter’s Laboratories (UL Listed)
- Accepted by WR Grace for use over fireproofing materials
- Approved and specified for use by the US Departments of Agriculture (USDA), Housing and Urban Development (HUD), Energy (DOE), Justice (DOJ), Defense (DOD: US Navy, US Air Force, US Coast Guard, US Army), Defense District Schools (DODDS), US Veteran’s Administration Medical Centers
- School System Specified, including New York City School Construction Authority, Los Angeles Unified School District, San Bernardino Unified School District, New Orleans Public School District, Columbia University, Yale University, Harvard University, University of California
- Does not adversely affect the fire rating of asbestos fireproofing, and complies with all known building codes, rules and regulations
- Accepted for use over fiberglass or most other fiber containing materials,
- Qualifies as super compliant low VOC architectural coatings in accordance with SCAQMD (South Coast Air Quality Management District)
- Low VOC materials have Class "A" Fire Rating (Flame Spread = 0, Smoke Developed = 5), Passed UPITT Test for Combustion Product Toxicity (accepted for use in elevator shafts)
- Accepted for use by the City of New York, Department of Buildings, MEA #309-94-M
- New York City Vendor #0002085630-1
- Complies with State of New York-Uniform Bldg. Code #1120-15
- Registered with New York State Office of Fire Prevention and Control
- Complies with City of Phoenix, AZ Construction Code Requirements
- City of Phoenix Approval of AsbestoSafe Encasement Products over Existing Fireproofing Materials

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701 E. SANTA CLARA ST., VENTURA, CA USA
(TEL) 800-266-3982 / (FAX) 800-520-3291
www.encasement.com
1. PRODUCT NAME

   LeadLock™

2. MANUFACTURER

   GLOBAL Encasement, Inc.
   701 E. Santa Clara St., Ventura, CA 93001 USA
   Phone: (800) 266-3982 / Fax: (800) 520-3291
   www.encasement.com

3. PRODUCT DESCRIPTION

   LeadLock™ is a high performance, water-based, acrylic, non-toxic, zero VOC super compliant architectural green coating that is tough, abuse-, rust-, mildew-, fire- and chemical-resistant and forms a waterproofing membrane. Its moisture vapor transmission qualities make it perfect for historic preservation and can be custom tinted almost any color. It can be applied over PrepLESS Primer™ to form a GLOBAL Encasement, Inc. System.

   LeadLock™ is excellent for interior or exterior use and is suitable for application over walls, ceilings, trim, ducts, pipes, roofing and siding, window sills, frames and trim, porch railings, posts, overhangs and fences. It securely seals and encases materials on wood, plaster, stucco, masonry, concrete, structural steel, transite, shingles, built-up roofing, and fiberglass or ceramic fiber.

   LeadLock™ GREEN Features:
   • Class A Fire Rated
   • Extremely Tough, Durable and Flexible
   • Mildew and Mold Resistant
   • Can be Custom Tinted Almost any Color
   • Waterproof
   • Flexible
   • Zero VOCs (Volatile Organic Content)

4. TECHNICAL DATA AND PROPERTIES

   Solids by weight: 66% (+/- 2%)
   Solids by volume: 52% (+/- 2%)
   Weight per gallon: 11.85 lbs
   VOC: Zero
   Liquid appearance: Bright white with mild scent
   Viscosity: 110 +/- 10 KU
   Drying time:
   • To Touch: 1-4 hours
   • Recoat After Dry To Touch: 2-8 hours
   • Full Cure: 10-14 days

   LeadLock™ is a DL Labs Certified 20 Year Lead Encapsulant approved for use in all U.S. States and Territories and has passed Independent Testing by third party accredited laboratories, including ASTM E-1795, the Standard for Liquid Coating Encapsulation Products for Lead Paint in Buildings.

   D.L. Laboratories Toxicological Report states: “There is no toxicological basis for limiting occupancy of a dwelling unit, or restricting entry of any resident including pregnant women and children under six years of age, to dwelling units during the application of your encapsulant.”

   This product more than conforms to the minimum VOC requirements set forth by the SCAQMD (Southern California Air Quality Management District) and is considered a super compliant architectural zero VOC green coating.

5. PRODUCT INSTALLATION

   • LeadLock™ is ready to use.
   • DO NOT DILUTE. PROTECT FROM FREEZING.
   • Apply by brush or roller, or airless sprayer.
   • All surfaces must be clean, dry, and free of mold, mildew, chalking, dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
   • Best applied in temperatures between 50ºF and 100ºF.
   • Dries in 2-8 hours. Cool temperatures and high humidity can affect dry and cure time.
   • Follow manufacturer’s application guidelines.
   • Easy to use and clean up is with water.

   COVERAGE:

   LeadLock™ coverage rate on a flat surface is:
   • Interior System = 7 mil DFT @ 137 sq. ft./gallon
   • Exterior System = 14 mil DFT @ 68 sq. ft./gallon

   "DFT: Dry Film Thickness

   Coverage varies depending upon the porosity and texture of the surface being encased.

   Spray Application: Use self-cleaning reversible spray tip size .019-.035 (.021 is most often used).
   Brush: Use any nylon bristle brushes.
   Roller: Use a ¾ inch nap.

6. AVAILABILITY AND COST

   Call GLOBAL Encasement, Inc. at 800-266-3982 for pricing and availability.

7. WARRANTY

   GLOBAL Encasement, Inc. can warrant for a period of up to twenty (20) years from the date of purchase that LeadLock™ is free of any defects in manufacturing. The Limited Warranty herein described shall be in lieu of any other warranty, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

   GLOBAL Encasement, Inc.’s sole liability under this Limited Warranty shall be, at its option, to replace any portion of the product proven to be defective in manufacture.

   Any defects discovered must be reported to GLOBAL Encasement, Inc. within the Limited Warranty period, and no later than 30 days after discovery.

   This Limited Warranty does not extend to liability for any damages due to abuse by occupants, improper maintenance, water damage, or any other causes beyond anticipated conditions and the manufacturer’s control.
1. PRODUCT NAME

R.I.P.™ Rust-Inhibiting Primer

2. MANUFACTURER

GLOBAL Encasement, Inc.
701 E. Santa Clara St.
Ventura, CA 93001 USA
Phone: (800) 266-3982
Fax: (800) 520-3291
www.encasement.com

3. PRODUCT DESCRIPTION

R.I.P.™ is an environmentally sound, water-based Rust Inhibiting Primer to be used over ferrous metal surfaces. Employing the latest breakthroughs in water-based acrylic technology, it can even be applied over properly prepared rusted surfaces, with excellent resistance to flash rusting.

R.I.P.™ Features:
- Excellent for interior or exterior use
- Easy to use
- Halts oxidation and corrosion of metal surfaces
- Temperature resistant to 235°F (continuous)
- Excellent stain blocker

R.I.P.™ is excellent for interior and exterior use and is suitable for application over metal window frames, metal sidewalls, rail cars, pipes and equipment, tank exteriors and structural steel. Acting also as a primer, once the R.I.P.™ is applied the surface is ready to receive any of GLOBAL Encasement, Inc.’s TopCoats.

4. TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids by weight (%)</td>
<td>51.3% (+/- 2%)</td>
</tr>
<tr>
<td>Solids by volume (%)</td>
<td>40% (+/- 2%)</td>
</tr>
<tr>
<td>Weight per gallon (lbs)</td>
<td>10.24</td>
</tr>
<tr>
<td>VOC (g/l)</td>
<td>100</td>
</tr>
<tr>
<td>Liquid appearance</td>
<td>Color will vary</td>
</tr>
<tr>
<td>Viscosity (KU)</td>
<td>85-95</td>
</tr>
<tr>
<td>pH</td>
<td>9-10</td>
</tr>
<tr>
<td>Drying time @ 75°F (h)</td>
<td>2</td>
</tr>
<tr>
<td>Clean up</td>
<td>Warm, soapy water</td>
</tr>
</tbody>
</table>

This non-toxic, water base product conforms to the minimum VOC requirements set forth by all California Counties. This product conforms to Green Seal GS--03.

5. PRODUCT INSTALLATION

- **R.I.P.™** is ready to use or can be thinned (water, no more than 5%).
- PROTECT FROM FREEZING.
- Apply by brush or roller, or airless sprayer.
- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
- Apply in temperatures above 45°F and where the surface temperature is more than 5°F above the dew point.
- Cool temperatures and high humidity can affect dry and cure time.
- When the surface temperature is low and the air temperature is high, adhere strictly to application thickness of no more than 3 dry mils (to prevent surface skinning and possible blistering).
- Follow manufacturer’s application guidelines.
- Easy to use and clean up is with water.

**COVERAGE:**
The calculated coverage rate on a flat surface is:
3 mil DFT @ 192 sf/gallon

R.I.P.™ may be brushed, rolled or spray applied. The coverage varies depending on porosity, mil thickness, and texture of the surface being covered. A recommended thickness of 2-3 mils is for properly prepared light rust, 4-6 mils is for properly prepared heavy rust.

**Spray Application:**
- Use self-cleaning reversible spray tip Size .017-.021.
- Brush: Use any nylon bristle brushes.

6. AVAILABILITY AND COST

Call GLOBAL Encasement, Inc. at 800-266-3982 for pricing and availability.

7. WARRANTY

GLOBAL Encasement, Inc. can warrant for a period of up to twenty (20) years from the date of purchase that R.I.P.™ Rust Inhibiting Primer is free of any defects in manufacturing. The Limited Warranty herein described shall be in lieu of any other warranty, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

GLOBAL Encasement, Inc.’s sole liability under this Limited Warranty shall be, at its option, to replace any portion of the product proven to be defective in manufacture.

Any defects discovered must be reported to GLOBAL Encasement, Inc. within the Limited Warranty period, and no later than 30 days after discovery.

This Limited Warranty does not extend to liability for any damages due to abuse by occupants, improper maintenance, water damage, or any other causes beyond anticipated conditions and the manufacturer’s control.

Updated: July 2014
1. PRODUCT NAME

The Original PrepLESS Primer™

2. MANUFACTURER

GLOBAL Encasement, Inc.
701 E. Santa Clara St.
Ventura, CA 93001 USA
Phone: (800) 266-3982
Fax: (800) 520-3291
www.encasement.com

3. PRODUCT DESCRIPTION

PrepLESS Primer™ is a clear water-based, non-toxic, flexible, zero VOC, super compliant architectural green coating primer-sealer-neutralizer that acts as a stabilizer for building surfaces that can be only marginally cleaned and where tenacious adhesion is needed. It applies milky white and dries clear, leaving a tacky finish ready to receive any of GLOBAL Encasement, Inc.’s topcoats, including LeadLock®, Moldon’t™, AsbestoSafe®, Your Last Coat™, RoofCoat™ or Clear Coat™.

PrepLESS Primer™ Features:
- Class A Fire Rated
- Less Prep. Less Mess
- Zero Volatile Organic Content (VOC)
- Excellent for interior or exterior use
- Easy to use
- Waterproof
- Flexible
- Re-attaches loose, peeling, flaking paint
- PrepLESS Primer™ can be applied over Lead-Based Paint (LBP), Asbestos Containing Materials (ACM), and surfaces that are difficult to adhere to, such as cracked and painted plaster, concrete, masonry, stucco, fiberglass, vermiculite, ceramic fiber. It is excellent for interior and exterior walls, ceilings, trim, wallboard, sheet rock, ducts, pipes, roofing, all non-friction surfaces, treated or untreated wood, stone and metal. It is also excellent for making surface repairs. To bridge large cracks or patch holes, use PrepLESS Primer™ with Globe Caulk™ or GEI Fabric reinforcement.

4. TECHNICAL DATA

Solids by volume: 48.4% (+/- 2%)
Weight per gallon: 8.67 lbs
VOC: Zero
Liquid appearance: Milky white
Drying time: ½ to 1 hour
(Depends on temperature and humidity)
Clean up: Warm, soapy water

PrepLESS Primer™ has an elongation of 4000% at 70°F; superior low temperature flexibility; 9,995 lbs/sf of adhesion strength; has passed ASTM E-84, E-162, ASTM E-119 testing over fireproofing insulation. This zero VOC product more than conforms to the minimum VOC requirements set forth by the SCAQMD (Southern California Air Quality Management District) and is considered a super compliant architectural zero VOC green coating.

5. PRODUCT INSTALLATION

- PrepLESS Primer™ is ready to use.
- PROTECT FROM FREEZING.
- Apply by brush or roller, or airless sprayer.
- All surfaces must be clean, dry, and free of mold, mildew, chalking, dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
- Apply in temperatures between 50°F and 100°F.
- Cool temperatures and high humidity can affect dry and cure time.
- Follow manufacturer’s application guidelines.
- Easy to use and clean up is with water.

COVERAGE:
PrepLESS Primer™ may be brushed, rolled or spray applied. The coverage varies depending on porosity, mil thickness, and texture of the surface being encased. Calculated coverage rates on a flat surface are as follows:
- 6 mil DFT @ 120 sq. ft./gallon
- 7 mil DFT @ 102 sq. ft./gallon
- 8 mil DFT @ 90 sq. ft./gallon
- 9 mil DFT @ 80 sq. ft./gallon
- 10 mil DFT @ 72 sq. ft./gallon
- 11 mil DFT @ 65 sq. ft./gallon
- 12 mil DFT @ 60 sq. ft./gallon

Spray Application: Use self-cleaning reversible spray tip size .017-.025 (.019 is most often used).
Brush: Use any nylon bristle brushes.
Roller: Use a ¾ inch nap.

6. AVAILABILITY AND COST

Call GLOBAL Encasement, Inc. at 800-266-3982 for pricing and availability.

7. WARRANTY

GLOBAL Encasement, Inc. can warrant for a period of up to twenty (20) years from the date of purchase that PrepLESS Primer™ is free of any defects in manufacturing. The Limited Warranty herein described shall be in lieu of any other warranty, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

GLOBAL Encasement, Inc.’s sole liability under this Limited Warranty shall be, at its option, to replace any portion of the product proven to be defective in manufacture. Any defects discovered must be reported to GLOBAL Encasement, Inc. within the Limited Warranty period, and no later than 30 days after discovery. This Limited Warranty does not extend to liability for any damages due to abuse by occupants, improper maintenance, water damage, or any other causes beyond anticipated conditions and the manufacturer's control.
1. PRODUCT NAME

PremeClean™
Industrial Cleaner Concentrate

2. MANUFACTURER

GLOBAL Encasement, Inc.
701 E. Santa Clara St.
Ventura, CA 93001 USA
Phone: (800) 266-3982
Fax: (800) 520-3291
www.encasement.com

3. PRODUCT DESCRIPTION

PremeClean™ Industrial Cleaner is a highly effective, water-soluble, and versatile cleaner concentrate. It quickly and easily cuts through grease, oil, and dirt and can be used in many areas that require intense cleaning and decontamination such as institutional kitchens, medical facilities, public areas, and on all types of interior and exterior building surfaces.

Despite its intensive cleaning power, PremeClean™ maintains its non-toxic, non-corrosive, and biodegradable properties. It is highly suited to help sanitize and disinfect institutions such as hospitals, schools, prisons, cafeterias, and more. This all-purpose cleaner can also be custom-diluted for various uses to suit the needs for business and medical offices, hotels, playground equipment, and many others.

4. TECHNICAL DATA

Weight per gallon: 8.5 lbs
Physical form: Liquid
Color: Light blue
pH: 9-10

PremeClean™ was tested in accordance with ASTM D4488, “Guide for Testing Cleaning Performance of Products Intended for Use on Resilient Flooring and Washable Walls”, Section A-5, Particulate and Oily Soil/ Vinyl Tile Test, and at a dilution of 1:10 with water exhibited a cleaning efficiency of 88% or 2¼ times better than untreated tap water.

5. PRODUCT INSTALLATION

- PremeClean™ is ready to use.
- PROTECT FROM FREEZING.
- Follow manufacturer's application guidelines.
- Easy to use and clean up is with water.

Coverage Rate:
150 to 200 sf/gallon

6. AVAILABILITY AND COST

Product is packaged in 5-gallon pails and in 55-gallon drums. Call GLOBAL Encasement, Inc. at 201-902-9770 or 800-266-3982 for pricing and availability.

7. WARRANTY

GLOBAL Encasement, Inc. warrants that the product or products described herein will conform with its published specifications. The products supplied by GLOBAL Encasement, Inc. and information related to them are intended for use by buyers having necessary industrial skill and knowledge.

Buyers should undertake sufficient verification and testing to determine the suitability of GLOBAL Encasement, Inc. materials for their own particular purpose. Since buyer’s conditions of use of product are beyond GLOBAL Encasement, Inc.’s control, GLOBAL Encasement, Inc. does not warrant any recommendations and information for the use of such products.

GLOBAL Encasement, Inc. disclaims all other warranties including the implied warranty of merchantability and fitness for any particular purpose in connection with the use of its products.

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Updated: July 2014
1. PRODUCT NAME

GEI Seam Tape

2. MANUFACTURER

GLOBAL Encasement, Inc.
701 E. Santa Clara St.
Ventura, CA 93001 USA
Phone: (800) 266-3982
Fax: (800) 520-3291
www.encasement.com

3. PRODUCT DESCRIPTION

GEI Seam Tape is excellent for use in sealing seams, and in some GLOBAL Encasement, Inc. System designs to bridge cracks and patch holes. GEI Seam Tape offers an immediate aggressive grip and features 20 mils of gray elastomeric adhesive/sealant backed with spun bond polyester fabric.

4. TECHNICAL DATA AND PROPERTIES

BONDING TIME: Immediate aggressive grip, full bond in 24 hours

TEMPERATURES:
Application 30°F to 110°F
Operating Limits 10°F to 180°F

LOWER TEMPERATURE FLEXIBILITY: Passes, no cracking.
TENSILE STRENGTH: 570 psi (with 75% elongation)
SHELF LIFE: 18 months to 2 years.
PEEL STRENGTH: 5 lbs. per linear inch.
WATER RESISTANCE: Excellent

5. PRODUCT INSTALLATION

➢ GEI Seam Tape is ready to use.
➢ All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
➢ Surface can be primed with PrepLESS Primer™ and exposed areas can be top coated with any of GLOBAL Encasement, Inc.’s topcoats.
➢ Cut tape the desired length, peel off release liner, and press into place removing all buckles and bubbles.

6. AVAILABILITY AND COST

Product is packaged in 4 inch x 50 foot rolls, 12 rolls per case.

Call GLOBAL Encasement, Inc. at 800-266-3982 for pricing and availability.

Our data is based on information from laboratory and field-testing and analysis, which we believe to be reliable. Since the conditions of use are beyond GLOBAL Encasement, Inc.’s control, we cannot guarantee or accept any liability resulting from the misuse of our products.
1. PRODUCT NAME

**GEI Fabric**
Polyester Reinforcement Fabric

2. MANUFACTURER

GLOBAL Encasement, Inc.
701 E. Santa Clara St.
Ventura, CA 93001 USA
Phone: (800) 266-3982
Fax: (800) 520-3291
www.encasement.com

3. PRODUCT DESCRIPTION

**GEI Fabric** is a 100% polyester reinforcement fabric made without the use of adhesives or binders. It is produced by the world’s largest manufacturer of stitch-bonded fabrics using state-of-the-art technology.

**GEI Fabric** has outstanding physical strength, quick wet-out and saturation, and superior elongation.

**GEI Fabric** properties, characteristics and ease in handling and application, make it the best quality fabric to use with any of GLOBAL Encasement, Inc.’s TopCoats.

4. TECHNICAL DATA AND PROPERTIES

**ROLL DIMENSIONS / SIZES / WEIGHTS:**
- 20" Wide x 324’ Long / 533 sf / 12 lbs
- 40" Wide x 324’ Long / 1066 sf / 24 lbs
Other widths available. See TABLE 1 below.

5. PRODUCT INSTALLATION

- **GEI Fabric** is ready to use.
- May be applied by hand or roofing broom.
- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
- Complete saturation of **GEI Fabric** requires 3 gallons per 100 square feet of **Roofcoat™** Topcoat.
- Best applied in temperatures between 50ºF and 100ºF.
- Apply only when weather conditions will permit drying before rain, dew or freezing temperatures.
- Follow manufacturer’s application guidelines.
- Complete saturation of **GEI Fabric** requires 3 gallons per 100 square feet of **Roofcoat™** Topcoat.

6. AVAILABILITY AND COST

Various sizes of cut rolls are available upon request.
Call GLOBAL Encasement, Inc. at 800-266-3982 for pricing and availability.

<table>
<thead>
<tr>
<th>Properties</th>
<th>Test Method</th>
<th>GEI Fabric Average Value</th>
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</thead>
<tbody>
<tr>
<td>Weight (per sq. yard)</td>
<td>Calculated by formula</td>
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<tr>
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<td>ASTM D3786 (Mullen)</td>
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<tr>
<td>Tensile Strength (psi)</td>
<td>ASTM D1682 (Grab)</td>
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<td>Tear Strength (lbs)</td>
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<tr>
<td>Elongation (%)</td>
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<td>Conformability</td>
<td></td>
<td>Excellent</td>
</tr>
<tr>
<td>Ease of Saturation</td>
<td></td>
<td>Excellent</td>
</tr>
</tbody>
</table>

These products are for industrial/commercial applications only. Since the condition of use is beyond GLOBAL Encasement’, Inc.’s control, we cannot guarantee or accept any liability resulting from the misuse of our products.

Updated: July 2014
MATERIAL SAFETY DATA SHEET

LeadLock™

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LeadLock™
PRODUCT USE: Encasement TopCoat
PRODUCT DESCRIPTION: Elastomeric Acrylic Industrial Coating, Water-Base
Manufacturer: GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ventura, CA 93001
Contact #s: Tel. # (800) 266-3982 / Fax (800) 520-3291
Website Address: www.encasement.com

SECTION II – COMPONENT INFORMATION

Material or Component: CAS No.:
Inert Pigment: Mixture* 7732-18-5
Acrylic Polymer: Not Hazardous 13463-67-7
Water: 7732-18-5
Titanium dioxide: 13463-67-7

*Pigment color may contain calcium carbonate, alumina trihydrate, zinc oxide, and other particulates not otherwise regulated in varying amounts, depending on color of product.

OSHA PEL or ACGIH TLV: This product contains no hazardous ingredients as per OSHA 29 CFR 1910.1200

SECTION III – HAZARDS IDENTIFICATION

EFFECTS OF OVER EXPOSURE:
Inhalation: Vapors or spray mists may be slightly irritating to the eyes, nose, throat, and mucous membrane of the respiratory tract, producing symptoms of a headache and nausea in poorly ventilated areas.

Eye Exposure: Direct contact; slightly irritating to eyes.

Skin exposure: Prolonged or repeated contact with coating may cause slight skin irritation.

Ingestion: May cause nausea.

SECTION IV – FIRST AID INFORMATION

EMERGENCY FIRST AID PROCEDURES: For inhalation, move subject to fresh air. For eye contact, flush with a large amount of water for at least 15 minutes. See a physician if irritation persists. Wash affected skin area with soap and water. If swallowed dilute by giving 2 glasses of water to drink. Call a physician. Never give anything by mouth to an unconscious subject.
SECTION V – FIRE AND EXPLOSION INFORMATION

FLAMMABILITY CLASSIFICATION: DOT - Not Regulated
Flash Point – Non Combustible
LEL - N/A

EXTINGUISHING MEDIA: N/A
UNUSUAL FIRE & EXPLOSION HAZARDS: Material can splatter above 212°F
Polymer film can burn.

SPECIAL FIRE FIGHTING PROCEDURES: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency.

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep unnecessary people away. Dike and contain with inert absorbent material (sand, earth, etc.). Transfer to containers for recovery or disposal. Floors may be slippery; use care to avoid falls. Flush final traces with water.

SECTION VII – HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING: Do not take internally. Use approved clothing when using LeadLock™. Also, follow all applicable OSHA & EPA, (etc.) regulations concerning normal latex paint spraying activities.

PRECAUTIONS TO BE TAKEN IN STORING: Maximum storage temperature 100°F. Keep container tightly closed and upright to prevent leakage. Precautionary labeling: “Keep from Freezing,” product may coagulate. Material may develop bacterial odor on long-term storage if contaminated.

KEEP AWAY FROM CHILDREN.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if good ventilation is maintained. Wear MSHA/NIOSH approved dust respirator during spray applications.

VENTILATION: Sufficient ventilation, in pattern and volume, should be provided to keep the air contaminant concentration below applicable exposure limits. All application areas should be ventilated in accordance with OSHA regulation 29 CFR Part 1910.94.

PROTECTIVE GLOVES: Impervious gloves for prolonged or repeated contact.

EYE PROTECTION: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSI Z87.1) or approved equivalent.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Form:</th>
<th>Liquid</th>
<th>Odor:</th>
<th>Mild scent</th>
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<td>Color:</td>
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<tr>
<td></td>
<td></td>
<td>VOC:</td>
<td>Zero</td>
</tr>
</tbody>
</table>
SECTION X – STABILITY AND REACTIVITY INFORMATION

STABILITY: Stable.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.
CONDITIONS TO AVOID: Keep from freezing.
INCOMPATIBILITY: None reasonably foreseeable.

SECTION XI – TOXICOLOGICAL INFORMATION (will only print available data)

Carcinogenicity? NO
Refer to section VII for proper handling.
No other toxicological information available.

SECTION XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Non-toxic
TERRESTRIAL TOXICITY: Non-toxic
No other ecological information available.

SECTION XIII – DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Disposal should be in accordance with Federal, State and local regulations for water base coatings. Refer to section xv for more information.

SECTION XIV – TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Non-hazardous.
UN NUMBER: None

SECTION XV – REGULATORY INFORMATION

SARA TITLE III, SECTION 313, SUPPLIER NOTIFICATION. This product contains none of the toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

SECTION XVI – OTHER INFORMATION

The information contained herein is to the best of our knowledge and belief has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained on our written contract of sale or acknowledgment.

Information complies with New Jersey DOH Right-To-Know Labeling Law (N.J.A.C. 8:59 –5.1 & 5.2)
MATERIAL SAFETY DATA SHEET
R.I.P.™

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: R.I.P.™
PRODUCT USE: Rust-Inhibiting Primer
PRODUCT DESCRIPTION: Acrylic Copolymer, Water-Base
Manufacturer: GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ventura, CA 93001
Contact #s: Tel. # (800) 266-3982 / Fax (800) 520-3291
Website Address: www.encasement.com

SECTION II – COMPONENT INFORMATION

Material or Component: CAS No.:
Color Pigment: Mixture*
Calcium Carbonate: 1317-65-3
Styrene/Acrylic Copolymer: Not Hazardous
Dibutyl Phthalate: 84-74-2
Glycol Ether: 112-34-5
Water: 7732-18-5

*Pigment color may contain calcium carbonate, alumina trihydrate, zinc oxide, and other particulates not otherwise regulated in varying amounts, depending on color of product.

OSHA PEL or ACGIH TLV: This product contains no hazardous ingredients as per OSHA 29 CFR 1910.1200

SECTION III – HAZARDS IDENTIFICATION

EFFECTS OF OVER EXPOSURE:
Inhalation: Harmful if inhaled, may affect the brain or nervous system, causing dizziness, headache or nausea. May cause nose and throat irritation.
Contact: May cause eye irritation. May cause skin irritation.
Notice: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage.

Medical conditions prone to aggravation by exposure: If you have a condition that could be aggravated by exposure to dust or organic vapors, see a physician prior to use.
SECTION IV – FIRST AID INFORMATION

EMERGENCY FIRST AID PROCEDURES: ALWAYS GET MEDICAL ATTENTION. For inhalation, move subject to fresh air. Provide oxygen if breathing is difficult. Use artificial respiration if not breathing. For eye contact, flush with a large amount of water for at least 15 minutes. Wash affected skin area with soap and water. If swallowed, DO NOT INDUCE VOMITING!

SECTION V – FIRE AND EXPLOSION INFORMATION

FLAMMABILITY CLASSIFICATION: Flash Point – 248°F (120°C) (Setaflash)
LEL – 1000.0% UEL – 1%
OSHA – COMBUSTIBLE LIQUID CLASS IIIA
DOT – NOT REGULATED

EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide, water fog

UNUSUAL FIRE & EXPLOSION HAZARDS: This is a water-based product however it does contain small amounts of volatile organic compounds (See Section II). Vapors are heavier than air and will accumulate. Vapors will form explosive concentrations with air. Vapors travel long distances and will flashback.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate hazard area of unprotected personnel. Use a NIOSH approved self-contained breathing unit and complete body protection. Cool surrounding containers with water in case of fire exposure.

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate the area of unprotected personnel. Follow safe handling and use guidelines in Section VII. Contain and soak up residual with an absorbent (clay or sand). Take up absorbent material and seal tightly for proper disposal.

SECTION VII – HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye, skin and clothing contact. Keep hands away from face. Avoid breathing mists. Use with adequate ventilation. Keep container closed when not in use. Wash thoroughly after handling. Change clothing if exposed to heavy mist or spillage; clothing should be laundered before reuse.

PRECAUTIONS TO BE TAKEN IN STORING: Keep away from heat, sparks, open flame, and strong oxidizing agents. Keep containers closed. Store in a cool, dry place with adequate ventilation. If pouring or transferring materials, ground all containers and tools.

KEEP AWAY FROM CHILDREN.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use only with ventilation to keep vapor levels below exposure guidelines (See Section II). User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if nor able to monitor, use OSHA approved air-purifying respirator.

VENTILATION: Use explosion-proof ventilation when required to keep below health exposure guidelines and Lower Explosive Limit (LEL).
SKIN AND EYE PROTECTION: Recommend impervious gloves, clothing and safety glasses with side shields or chemical goggles to avoid skin and eye contact. If material penetrates to skin, change gloves and clothing.

HYGIENIC PRACTICES: Wash with soap and water before eating, drinking, or using toilet facilities. Use of a hand cleaner is recommended. Launder protective clothing before reuse. Leather shoes can absorb and pass through hazardous materials. Check shoes carefully after soaking before reuse.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Form:</th>
<th>Liquid</th>
<th>Odor:</th>
<th>Mild scent</th>
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<tr>
<td>Color:</td>
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<td>pH:</td>
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<td>Specific Gravity (water = 1.0):</td>
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<td>Viscosity (KU):</td>
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<tr>
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<td></td>
<td>VOC, grams/liter:</td>
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</tr>
</tbody>
</table>

SECTION X – STABILITY AND REACTIVITY INFORMATION

STABILITY: Stable under normal storage conditions.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and unidentified organic compounds. Consider all smoke and fumes from burning materials as very hazardous. Welding, cutting or abrasive grinding can create smoke and fumes. Do not breathe.
CONDITIONS TO AVOID: Heat, sparks, and open flames.
INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

SECTION XI – TOXICOLOGICAL INFORMATION (will only print available data)

Primary Route(s) of Entry: Inhalation, dermal, ingestion.
Carcinogenicity? NO
Refer to section VII for proper handling.
No other toxicological information available.

SECTION XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Non-toxic
TERRESTRIAL TOXICITY: Non-toxic
No other ecological information available.

SECTION XIII – DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Incinerate the solids and contaminated diking material at a permitted facility according to current Federal, State and local regulations. Refer to section XV for more information.

SECTION XIV – TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Non-hazardous.
UN NUMBER: None
SECTION XV – REGULATORY INFORMATION

SARA TITLE III, SECTION 313, SUPPLIER NOTIFICATION. This product contains none of the toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

SECTION XVI – OTHER INFORMATION

OTHER PRECAUTIONS: Do not weld, heat, cut or drill on full or empty containers.

The information contained herein is accurate, to the best of our knowledge and belief. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

Information complies with New Jersey DOH Right-To-Know Labeling Law (N.J.A.C. 8:59 –5.1 & 5.2)
MATERIAL SAFETY DATA SHEET
PrepLESS Primer™

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PrepLESS Primer™
PRODUCT USE: Primer-Sealer-Neutralizer
PRODUCT DESCRIPTION: 100% Acrylic Copolymer, Water-Base
Manufacturer: GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ventura, CA 93001
Contact #s: Tel. # (800) 266-3982 / Fax (800) 520-3291
Website Address: www.encasement.com

SECTION II – COMPONENT INFORMATION

Material or Component: CAS No.: Styrene/acrylate copolymer: Not Hazardous Water: 7732-18-5

OSHA PEL or ACGIH TLV: This product contains no hazardous ingredients as per OSHA 29 CFR 1910.1200

SECTION III – HAZARDS IDENTIFICATION

EFFECTS OF OVER EXPOSURE:
Inhalation: Vapors or spray mists may be slightly irritating to the eyes, nose, throat, and mucous membrane of the respiratory tract, producing symptoms of a headache and nausea in poorly ventilated areas.
Eye Exposure: Direct contact; slightly irritating to eyes.
Skin exposure: Prolonged or repeated contact with coating may cause slight skin irritation.
Ingestion: May cause nausea.

SECTION IV – FIRST AID INFORMATION

EMERGENCY FIRST AID PROCEDURES: For inhalation, move subject to fresh air. For eye contact, flush with a large amount of water for at least 15 minutes. See a physician if irritation persists. Wash affected skin area with soap and water. If swallowed dilute by giving 2 glasses of water to drink. Call a physician. Never give anything by mouth to an unconscious subject.

SECTION V – FIRE AND EXPLOSION INFORMATION

FLAMMABILITY CLASSIFICATION: DOT - Not Regulated
Flash Point – Non Combustible
LEL - N/A
SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep unnecessary people away. Dike and contain with inert absorbent material (sand, earth, etc.). Transfer to containers for recovery or disposal. Floors may be slippery; use care to avoid falls. Flush final traces with water.

SECTION VII – HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING: Do not take internally. Use approved clothing when using PrepLESS Primer™. Also, follow all applicable OSHA & EPA, (etc.) regulations concerning normal latex paint spraying activities.

PRECAUTIONS TO BE TAKEN IN STORING: Maximum storage temperature 100°F. Keep container tightly closed and upright to prevent leakage. Precautionary labeling: “Keep from Freezing,” product may coagulate. Material may develop bacterial odor on long-term storage if contaminated.

KEEP AWAY FROM CHILDREN.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if good ventilation is maintained. Wear MSHA/NIOSH approved dust respirator during spray applications.

VENTILATION: Sufficient ventilation, in pattern and volume, should be provided to keep the air contaminant concentration below applicable exposure limits. All application areas should be ventilated in accordance with OSHA regulation 29 CFR Part 1910.94.

PROTECTIVE GLOVES: Impervious gloves for prolonged or repeated contact.

EYE PROTECTION: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSI 2-87.1) or approved equivalent.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<table>
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<tr>
<th>Physical Form:</th>
<th>Liquid</th>
<th>VOC:</th>
<th>Zero</th>
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<tr>
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SECTION X – STABILITY AND REACTIVITY INFORMATION

STABILITY: Stable.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.
CONDITIONS TO AVOID: Keep from freezing.
INCOMPATIBILITY: None reasonably foreseeable.
SECTION XI – TOXICOLOGICAL INFORMATION (will only print available data)

Carcinogenicity? NO
Refer to section VII for proper handling.
No other toxicological information available.

SECTION XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Non-toxic
TERRESTRIAL TOXICITY: Non-toxic
No other ecological information available.

SECTION XIII – DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Disposal should be in accordance with Federal, State and local regulations for water base coatings. Refer to section XV for more information.

SECTION XIV – TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Non-hazardous.
UN NUMBER: None

SECTION XV – REGULATORY INFORMATION

SARA TITLE III, SECTION 313, SUPPLIER NOTIFICATION. This product contains none of the toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

SECTION XVI – OTHER INFORMATION

The information contained herein is to the best of our knowledge and belief has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained on our written contract of sale or acknowledgment.

Information complies with New Jersey DOH Right-To-Know Labeling Law (N.J.A.C. 8:59 –5.1 & 5.2)
MATERIAL SAFETY DATA SHEET
PremeClean™

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PremeClean™
PRODUCT USE: Interior and Exterior Building Surface Preparation
PRODUCT DESCRIPTION: All Purpose, Non-Toxic, Biodegradable Industrial Cleaning Solution
Manufacturer: GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ventura, CA 93001
Contact #s: Tel. # (800) 266-3982 / Fax (800) 520-3291
Website Address: www.encasement.com

SECTION II – COMPONENT INFORMATION

Material or Component: Water
CAS No.: 7732-18-5
Proprietary Ethoxalated System: None

This product and its components are listed in or exempt from the TSCA inventory requirements. This information must be included in all MSDS’s that are copied and distributed for this material.

OSHA PEL or ACGIH TLV: This product contains no hazardous ingredients as per OSHA 29 CFR 1910.1200

SECTION III – HAZARDS IDENTIFICATION

EXPOSURE LIMIT: Not Established
TOXICITY DATA: Not Established
CARCINOGENICITY: None
PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin and eye contact.

HAZARD INDEX: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

SECTION IV – FIRST AID INFORMATION

EMERGENCY FIRST AID PROCEDURES: For inhalation, move subject to fresh air. If breathing is difficult, give oxygen or give artificial respiration if not breathing. For eye contact, immediately flush with a large amount of water for at least 15 minutes. Ensure complete flushing by holding the eyelids apart during irrigation. For skin contact, immediately remove contaminated clothing. Wash affected skin area with soap and water. If swallowed, dilute by giving 2-3 glasses of water to drink at once. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious subject. Call a physician immediately for further instruction.
SECTION V – FIRE AND EXPLOSION INFORMATION

FLAMMABILITY CLASSIFICATION: Non-flammable
Flash Point – < 200°F
LEL - N/A

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water fog or foam.
UNUSUAL FIRE & EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed containers and structures. Fight fire with remote spray monitors or from behind shields. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Do not breathe smoke or fumes.

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep unnecessary people away. Stop any leakage, if possible without risk. Keep product out of sewers and watercourses by diking or impounding. Use sand or other absorbent to contain the spill, then scoop into a container for disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state, and local laws.

SECTION VII – HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING: Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition. EMPTY containers should be completely drained, properly bunged and promptly disposed.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

VENTILATION: All application areas should be ventilated in accordance with OSHA regulation 29 CFR Part 1910.94. If local exhaust ventilation is not sufficient to maintain the employee exposure level as far below the OSHA limit as possible additional ventilation would be necessary.

PERSONAL PROTECTIVE EQUIPMENT: 1) Chemical goggles or safety glasses. 2) Gloves. 3) A NIOSH/MSHA approved respirator as necessary for dust. 4) Protective clothing as necessary to prevent skin contact.

Avoid eye, skin and clothing contact. Keep hands away from face. Avoid breathing dusts or mists. Keep container closed when not in use. Wash thoroughly after handling. Store in dry, well-ventilated area. Change clothing if exposed to heavy dusts or spillage; clothing should be laundered before reuse.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Form:</th>
<th>Liquid</th>
<th>Odor:</th>
<th>Mild scent</th>
</tr>
</thead>
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<tr>
<td>Color:</td>
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<td>Vapor Density:</td>
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<td>Solubility in Water:</td>
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</table>
**SECTION X – STABILITY AND REACTIVITY INFORMATION**

CONDITIONS CONTRIBUTING TO INSTABILITY: None. Product is Stable.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Burning can produce oxides of carbon and nitrogen, ammonia, and hydrocarbons.
CONDITIONS TO AVOID: Keep away from heat, sparks, pilot lights, static electricity, and open flame.
INCOMPATIBILITY: Strong oxidizing and reducing agents.

**SECTION XI – TOXICOLOGICAL INFORMATION** (will only print available data)

Carcinogenicity? NO
Refer to section VII for proper handling.
No other toxicological information available.

**SECTION XII – ECOLOGICAL INFORMATION**

AQUATIC TOXICITY: Non-toxic
TERRESTRIAL TOXICITY: Non-toxic
No other ecological information available.

**SECTION XIII – DISPOSAL INFORMATION**

WASTE DISPOSAL METHOD: Disposal should be in accordance with Federal, State and local regulations for water base coatings. Refer to section XV for more information.

**SECTION XIV – TRANSPORTATION INFORMATION**

DOT CLASSIFICATION: Non-hazardous.
UN NUMBER: None

**SECTION XV – REGULATORY INFORMATION**

SARA TITLE III, SECTION 313, SUPPLIER NOTIFICATION. This product contains none of the toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

This product and its components are listed in or exempt from the TSCA inventory requirements.

**SECTION XVI – OTHER INFORMATION**

GLOBAL Encasement, Inc. warrants that the product or products described herein will conform with its published specifications. The products supplied by GLOBAL Encasement, Inc. and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of GLOBAL Encasement, Inc. materials for their own particular purpose. Since buyer’s conditions of use of product are beyond GLOBAL Encasement, Inc.’s control, GLOBAL Encasement, Inc. does not warrant any recommendations and information for the use of such products. GLOBAL Encasement, Inc. disclaims all other warranties including the implied warranty of merchantability and fitness for any particular purpose in connection with the use of its products.

Information complies with New Jersey DOH Right-To-Know Labeling Law (N.J.A.C. 8:59 –5.1 & 5.2)
MATERIAL SAFETY DATA SHEET
GEI Seam Tape

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GEI Seam Tape
PRODUCT USE: Seam and Crack Sealer
PRODUCT DESCRIPTION: Butyl Rubber Backed With Polyester Fabric
Manufacturer: GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ventura, CA 93001
Contact #s: Tel. # (800) 266-3982 / Fax (800) 520-3291
Website Address: www.encasement.com

SECTION II – COMPONENT INFORMATION

OSHA PEL or ACGIH TLV: This product contains no hazardous ingredients as per OSHA 29 CFR 1910.1200

SECTION III – HAZARDS IDENTIFICATION

EFFECTS OF OVER EXPOSURE:
Inhalation: May be slightly irritating to the respiratory tract, inhalation very unlikely.
Eye Exposure: Direct contact; slightly irritating to eyes.
Skin exposure: Prolonged or repeated contact with coating may cause slight skin irritation.
Ingestion: Low order of acute oral toxicity. Ingestion unlikely.

HAZARD INDEX: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

SECTION IV – FIRST AID INFORMATION

EMERGENCY FIRST AID PROCEDURES:
For inhalation: Could create a blockage. Get medical attention.
For eye and skin contact: Care should be taken in the removal of the adhesive. Get medical attention if too sensitive.
If swallowed: Unlikely, but if ingested could create a blockage. Get medical attention. Never give anything by mouth to an unconscious subject.

SECTION V – FIRE AND EXPLOSION INFORMATION

FLAMMABILITY CLASSIFICATION: DOT - Not Regulated
Flash Point – Non Combustible
LEL - N/A
EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide
UNUSUAL FIRE & EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Will not burn unless preheated.

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A
Disposal should be in accordance with Federal, state, and local regulations.

SECTION VII – HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING: Keep away from excessive heat. Material may flow and could create a duration contact burn on hand. Wash with soap and water after use, especially before eating, smoking or drinking.

PRECAUTIONS TO BE TAKEN IN STORING: Keep away from excessive heat.

KEEP AWAY FROM CHILDREN.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required.
VENTILATION: None required.
PROTECTIVE GLOVES: Cotton or other protective gloves.
EYE PROTECTION: Use glasses or goggles.
OTHER: Long sleeves and long trousers to prevent skin contact.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Grey Tacky Tape Backed with Polyester
Odor: Mild Odor
Boiling Point: 314°F
Evaporation Rate: N/A
Vapor Density: N/A
Specific Gravity (water = 1.0): 1.25
Solubility in Water: Not Soluble
Percent Volatile by Volume: 0%
VOC: Zero
pH: N/A
Corrosivity: N/A

SECTION X – STABILITY AND REACTIVITY INFORMATION

STABILITY: Stable.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield a variety of compounds such as CO, CO2, simple hydrocarbons, acids, aldehydes, ketones.
CONDITIONS TO AVOID: Keep from excessive heat.
INCOMPATIBILITY: Strong acids or strong oxidizing agents.
SECTION XI – TOXICOLOGICAL INFORMATION (will only print available data)

Carcinogenicity? NO
Refer to section VII for proper handling.
No other toxicological information available.

SECTION XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Non-toxic
TERRESTRIAL TOXICITY: Non-toxic
No other ecological information available.

SECTION XIII – DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Disposal should be in accordance with Federal, State and local regulations for water base coatings. Refer to section XV for more information.

SECTION XIV – TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Non-hazardous.
UN NUMBER: None

SECTION XV – REGULATORY INFORMATION

SARA TITLE III, SECTION 313, SUPPLIER NOTIFICATION. This product contains none of the toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

SECTION XVI – OTHER INFORMATION

The information contained herein is to the best of our knowledge and belief has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained on our written contract of sale or acknowledgment.

Information complies with New Jersey DOH Right-To-Know Labeling Law (N.J.A.C. 8:59-5.1 & 5.2)
MATERIAL SAFETY DATA SHEET
GEI Fabric

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GEI Fabric
PRODUCT USE: Reinforcing Fabric
PRODUCT DESCRIPTION: Polyester (polyethylene terephthalate polymer)
Manufacturer: GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ventura, CA 93001
Contact #s: Tel. # (800) 266-3982 / Fax (800) 520-3291
Website Address: www.encasement.com

SECTION II – COMPONENT INFORMATION

OSHA PEL or ACGIH TLV: This product contains no hazardous ingredients as per OSHA 29 CFR 1910.1200

SECTION III – HAZARDS IDENTIFICATION

None

SECTION IV – FIRST AID INFORMATION

None

SECTION V – FIRE AND EXPLOSION INFORMATION

FLAMMABILITY CLASSIFICATION: DOT - Not Regulated
Flash Point – 500°F
LEL - N/A

EXTINGUISHING MEDIA: N/A
UNUSUAL FIRE & EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Material can splatter above 100°F.

SECTION VI – ACCIDENTAL RELEASE MEASURES

None

SECTION VII – HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING: Keep from open flame.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

N/A
SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Fabric</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Flash Point</td>
<td>500°F</td>
</tr>
</tbody>
</table>

SECTION X – STABILITY AND REACTIVITY INFORMATION

STABILITY: Stable.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.
CONDITIONS TO AVOID: Keep from freezing.
INCOMPATIBILITY: None reasonably foreseeable.

SECTION XI – TOXICOLOGICAL INFORMATION (will only print available data)

Carcinogenicity? NO
Refer to section VII for proper handling.
No other toxicological information available.

SECTION XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Non-toxic
TERRESTRIAL TOXICITY: Non-toxic
No other ecological information available.

SECTION XIII – DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Disposal should be in accordance with Federal, State and local regulations.

SECTION XIV – TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Non-hazardous.
UN NUMBER: None

SECTION XV – REGULATORY INFORMATION

SARA TITLE III, SECTION 313, SUPPLIER NOTIFICATION. This product contains none of the toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

SECTION XVI – OTHER INFORMATION

The information contained herein is to the best of our knowledge and belief has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained on our written contract of sale or acknowledgment.

Information complies with New Jersey DOH Right-To-Know Labeling Law (N.J.A.C. 8:59 –5.1 & 5.2)
GLOBAL ENCASEMENT, INC.

I. GENERAL

1.01 SUMMARY
A. Provide labor, materials, equipment and supervision necessary to install spray, brush or roller-applied specialty Elastomeric acrylic LeadLock™ system as outlined in this specification.
B. GLOBAL Encasement, Inc.’s application instructions for each product used are considered part of these specifications and should be followed at all times.

1.02 SUBMITTALS
A. Submit laboratory reports and literature verifying compliance with fire ratings, physical properties or approvals earned by specified materials.
B. Submit material safety data sheets on all materials.

1.03 QUALITY ASSURANCE
A. Supplier Qualifications: GLOBAL Encasement, Inc. products, as supplied by GLOBAL Encasement, Inc., shall be approved for use on the project.
B. The product manufacturer shall have been in business for a minimum of twenty (20) years.
C. Applicator Qualifications: GLOBAL Encasement, Inc. can approve the application contractor. GLOBAL Encasement, Inc.’s written verification of applicator approval shall be required.

1.04 PRODUCT DELIVERY, STORAGE AND HANDLING
A. Containers and packaging: Deliver materials in original sealed containers, clearly marked with GLOBAL Encasement, Inc.’s logo, brand name, product lot numbers and type of material.
B. Storage: Store materials between 40ºF and 100ºF with careful handling to prevent damage to products. Do not store for long periods in direct sunlight, at excessive temperatures or at temperatures below freezing.
C. Protection: Protect all materials from damage during transit, handling, storage, and installation.
D. Verify dates of manufacture and confirm that material is within current shelf life.

1.05 PROJECT CONDITIONS
A. Environmental Requirements Conditions
   1. These minimum recommendations for material coverages are for ideal conditions. The number of gallons to coat 100 square feet may need to be increased due to uneven application, rough surface texture, heat and wind conditions while spraying or applying and other variables.
   2. Do not apply materials unless surface to receive encasement system is dry and surface compatibility testing has been successfully completed.
   3. Install all material in strict accordance with all published safety or applicable regulations of local, state, and/or federal agencies that have jurisdiction.
   4. The entire system shall be fully adhered to the surface on which it is applied.
   5. Do not proceed with application of coating or sealing materials when surface temperature is less than 50ºF. No coating system shall be applied if weather will not permit it to dry prior to exposure to precipitation or freezing.
   6. Instructions for use of all GLOBAL Encasement materials and application equipment should be read and followed at all times.

II. PRODUCTS
2.01 GLOBAL Encasement, Inc. Systems

A. The LeadLock™ System is an acrylic, elastomeric, spray, brush or roller-applied GLOBAL Encasement, Inc. system manufactured by GLOBAL Encasement, Inc. (GEI).

1. All LeadLock™ materials shall be warranted to be heavy-bodied (66.0% solids content), from GLOBAL Encasement, Inc. and shall be long lasting, highly-pure (zero VOC) materials that remain flexible, chalk resistant and resist cracking, peeling, algae and fungus that can cause future indoor air quality concerns.
2. To allow for building movement without cracking or disturbing fibrous materials, coating systems shall have passed testing to ASTM standards for adhesion, permeability, aged flexibility and with aged elasticity for the encasement system of over 250%.
3. Coatings shall be Class A Fire Rated, water-based, non-toxic, safe and easy to use, contain no hazardous ingredients by OSHA definition, comply with all known building codes and be non-flammable.
4. Coating materials shall have zero VOC (Volatile Organic Compound) content.
5. Coating materials shall not release health threatening toxic smoke and fumes in a fire and shall comply with all known building codes.

B. Coating Material shall have passed the following testing standards:

1. ASTM E-119 fire tests - demonstrating that applying a multi-layer GLOBAL Encasement, Inc. system over fireproofing does not adversely affect the fire proof rating of the fireproofing (3 hour test).
2. UPITT Combustion Toxicity Test proving nothing toxic is released in a fire.
3. ASTM E-84 and E-162 fire tests for "Class A" – Surface Flammability and Burning Characteristics (Flame Spread = 0, Smoke Developed = 5). This is equal to NFPA 255, UL No. 723, ANSI 2.5 and U.B.C. 42-1.
4. Underwriters Laboratories® 790 Class "A" Ratings TGFU #R15397
5. "Pull-off Adhesion" ASTM E-736 at 9,950 lbs. per square foot (69.1 lbs. per square inch).
6. ASTM D-1653 and E-96 "Water Vapor Permeability" (showing the rate that water vapor can pass through the system).
7. Impact Resistance, "Tensile Strength" exceeds 150 psi; "Elongation" exceeds 250%.
8. System is Mildew Resistant, Impact Resistant, Scrub Resistant, Non-Yellowing, Non-Caulking, highly Blister Resistant, Rust Resistant, highly Chemical Resistant and remains flexible after 1000 hour ASTM Accelerated Weather testing.
9. Water-Based materials (zero VOC) Volatile Organic Content of PrepLESS Primer™ = 0 g/L and LeadLock™ = 4 g/L.
10. Encasement systems shall comply with standards established by WR Grace for use over fireproofing materials.
11. Materials comply with applicable standards for installation on interior and/or exterior surfaces of a building.
12. Fully comply with the U.B.C. codes for installing encasement systems in elevator shafts and large air plenums or ducts.
13. Encasement systems provide additional waterproofing protection.
14. Materials are suitable for use over Transite siding.

2.02 RELATED MATERIALS
Elastomeric architectural sealants, caulking compounds, primers, and similar materials shall be approved by GLOBAL Encasement, Inc. All materials used shall be applied in accordance with GLOBAL Encasement, Inc.'s recommendations.

2.03 EQUIPMENT RECOMMENDATIONS
GLOBAL Encasement, Inc. materials are prescreened at the factory and can be applied with nylon bristle brushes, roller, or airless equipment. Roller nap size will depend on the substrate being encased; ½ inch nap to 1¼ inch is recommended. Airless piston-type spray equipment may also be used for application. Equipment selection will depend on the size and nature of the encasement project.

Recommended airless piston-type spray equipment should have at a minimum 3000-psi, 3:1 ratio and a ¾-gallon capacity.

A. **Graco** – information line is (800) 690-2894.
B. **Titan Tool Inc.** – information line is (800) 526-5362.
C. **Equipment Accessories:**
   - **Hose:** 3/8 inch (9.53 mm) inside diameter (minimum), 1/2 inch (minimum) on long runs.
   - **Guns:** Graco Silver or Golden Hydra-mastic guns.
   - **Spray Tips:** **LeadLock™**
     - Use self-cleaning reversible spray tip size 0.019 to 0.035 (.021 is most often used.)

Note: For alternative equipment recommendations consult the spray equipment manufacturer directly.

III. EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS
   Compliance: Comply with GLOBAL Encasement's product data, including product technical bulletins and product guide specification instructions.

3.02. PREPARATION
A. Protect floors, windows, mechanical items or any areas not to be coated to protect from over-spray or dripping.
B. All surfaces to be encased should be free of visible water.
C. Questionable areas should be patch-tested for surface compatibility.
D. If product spray should occur on any surface not to be coated, wipe immediately to avoid staining or permanent adhering.
E. Visible water damaged areas shall be treated in one of the methods outlined in section 3.03, Application.

3.03 APPLICATION
A. To start the encasement application process, lock down any loose debris and fibers on the surfaces being encased by spraying a mist coat of **PrepLESS Primer™** (3 to 12 wet mils thick). While spraying mist, coat over and seal all surfaces. This mist step will lock in-place the component being encased.

   If there is an excessive amount of loose dirt and debris to be encased, allow this lock-down coat to dry for 30 to 60 minutes, then continue with the balance of the application of **PrepLESS Primer™** as described below.

B. Apply **PrepLESS Primer™** until wet coating thickness is great enough to yield a "6 to 12 dry mils" thickness uniform membrane. The **PrepLESS Primer™** material seals, penetrates and stabilizes. Apply the balance of the **PrepLESS Primer™** material in two passes with the second pass perpendicular (at 90°) to the first pass.
**Use wet mil gauge to monitor application thickness on a flat surface.**

C. Allow PrepLESS Primer™ to dry to touch in 2 to 72 hours before applying any topcoat materials. When applied, the liquid PrepLESS Primer™ material can penetrate and be absorbed into the substrate being encased. The PrepLESS Primer™ then shrinks as it dries.

**Note:** PrepLESS Primer™ goes on milky white and dries clear, forming a flexible membrane that remains tacky when dry.

D. PrepLESS Primer™ coverage rate per gallon varies depending upon porosity, texture, condition of the surface, configuration of the surfaces being encased, tip size and spray pressure and the final mil thickness specified. Rough, highly textured insulation surfaces often have a developed area that is 1½ to 3 times the flat-surface area.

Some typical coverage rates for PrepLESS Primer™ on various building surfaces are listed below:

1. Applied over a smooth, flat surface at 100 SF per gallon (16 wet mils) = 7-8 dry mils thickness.
2. Flat surfaces - 90 to 110 SF per gallon (14-16 wet mils = 7-8 dry mils)
3. Porous, textured surfaces - 70 to 100 SF per gallon (16-20 wet mils = 7-8 dry mils)
4. Rough, cementitious surfaces - 40 to 70 SF per gallon (20-30 wet mils = 7-8 dry mils)
5. Rough surfaces - 30 to 50 SF per gallon (25-35 wet mils =7-8 dry mils)
6. Oversprayed – 90 to 110 SF per gallon (14-16 wet mils = 7-8 dry mils)
7. Over stucco - 150 to 200 SF per gallon (6 to 8 wet mils = 3 to 4 dry mils)
8. Impact or wear areas, thicker applications up to 40 dry mils can be applied to seal, stabilize and protect the surface.

E. If there is evidence of water damage or if delamination or repairs are needed, the use of mechanical fasteners and/or GEI Fabric reinforcement is recommended. This can be done following the installation of PrepLESS Primer™.

If using **GEI Seam Tape**, apply a long piece before installing fastener through the insulation. The size and type of fasteners that are applied through insulation (Hilti type or equal) is determined by the substrate material and thickness of insulation (consult with your GLOBAL Encasement, Inc. Representative for recommendations).

If GEI Fabric is used, apply it after the PrepLESS Primer™ coat dries. Cut the GEI Fabric to size, dip into PrepLESS Primer™ material then apply over surfaces that need reinforcement, overlap edges by 2-3". Allow to dry 2 to 3 hours before applying LeadLock™.

F. Next, spray apply LeadLock™ until wet coating thickness is great enough to yield the desired dry mil thickness. Apply topcoat in two passes; with the second pass perpendicular (at 90°) to the first pass. Allow LeadLock™ to dry to touch in 2-6 hours before applying additional materials. Because the PrepLESS Primer™ has already stabilized the surface, the use of gentle brushing or back rolling after spraying LeadLock™ can help to fill visible voids and holidays while conserving the use of materials.

A finished encasement system shall be seamless and form a continuous, flexible jacket around the surface to be encased (no voids or holidays in finished coating surface).
G. **LeadLock™** coverage rate per gallon varies depending upon porosity, texture, condition of the surface and the mil thickness. Rough, highly textured insulation surfaces require more material than flat or smooth non-porous surfaces.

Calculated coverage rates for **LeadLock™** on a flat, smooth non-porous surface at 100 SF per gallon (applied @ 16 wet mils) = 9.7 dry mils per coat. Some typical coverage rates for **LeadLock™** on various surfaces are listed below:

1. Over flat surfaces – 90-100 SF per gallon (14-16 wet mils = 9-10 dry mils)
2. Porous or textured surfaces – 70-90 SF per gallon (17-21 wet mils = 9-10 dry mils)
3. Rough, cementitious surface – 30-70 SF per gallon (21-30 wet mils = 9-10 dry mils)
4. Rough surfaces – 30-50 SF per gallon (25-35 wet mils = 9-10 dry mils)
5. Oversprayed – 90-110 SF per gallon (14-16 wet mils = 9-10 dry mils)
7. Some surfaces require two applications of **LeadLock™** at 9-10 dry mils (16 wet per coat.
8. Total protection of 16-20 dry mil thickness of topcoat is required for 20-Year Limited Warranty.

H. Protect from overspray during the installation process.
Follow all applicable state and/or federal OSHA Guidelines.

To prevent damage to the coatings when removing all plastic and masking tape use a utility knife to first cut at coating edges.

The circulation of air helps water-based materials to dry more rapidly.

### 3.04 FIELD QUALITY REQUIREMENTS

A. Manufacturer’s Field Services: Inspection by a GLOBAL Encasement, Inc. Authorized Sales Representative shall be made to verify the proper installation of the system. Any areas that do not meet the minimum standards for application as specified herein shall be corrected. On a case-by-case basis, payment of expenses incurred by the GLOBAL Encasement, Inc. Representative may be the responsibility of the building owner and/or contractor.

GLOBAL Encasement, Inc.’s inspection or verification shall not constitute acceptance of responsibility for any improper application of material.

B. **Disclaimer:** GLOBAL Encasement, Inc.’s employees and/or Authorized Sales Representatives are not responsible for any liabilities resulting from the application or use of these materials.

### 3.05 CLEANING

Use soapy water while coatings are still wet and wipe clean. Surfaces not intended to receive GLOBAL Encasement, Inc. system shall be protected during the application process. Should this protection not be effective, or not be provided, the respective surfaces shall be restored to their proper conditions by cleaning, repairing or replacing. All debris from completion of work shall be completely removed from the project site.
IV. MATERIALS

The following materials listed in these recommendations are available from:

GLOBAL Encasement, Inc.
701 E. Santa Clara St.
Ventura, CA 93001-5972 USA
(800) 266-3982 / Fax (800) 520-3291
Website: www.encasement.com

1. LeadLock™ TopCoat
2. R.I.P.™
3. PrepLESS Primer™
4. PremeClean™ Industrial Cleaner
5. GEI Seam Tape
6. GEI Fabric

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 are beyond our control. The prospective user should determine the suitability of our materials and installation recommendations before adopting them for commercial use.

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Since 1994, GLOBAL Encasement, Inc.’s innovative solutions to problems in buildings and materials management have saved our customers millions of dollars in abatement, repair and reapplication costs.

Founded on over three decades of applied field experience with common building materials, we know what works, what doesn’t work and why.

We offer free consultation and custom system designs. Call us at 1-800-266-3982 to learn more how you can benefit from our experience.