Mold and Mildew Prevention
with GLOBAL Encasement, Inc.
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)

**D.L. Laboratories, Inc., NY**
- ASTM D1653  Water Vapor Permeability-Method A
- ASTM D2370  Viscoelastic Properties
Testing and Approvals

ASTM D3359  Adhesion-Liquid
ASTM D4541  Adhesion-Reinforced Products
ASTM D3960  Volatile Organic Content (VOC)
ASTM D4060  Abrasion Resistance
ASTM D1308  Distilled Water and Chemical Resistance
ASTM D2486  Scrub Resistance
ASTM D3273/3274 Mildew Resistance
ASTM E-1795-97 Standard for Liquid Coating Encapsulation Products for Leaded Paint in Buildings
ASTM D4214  Chalking
ASTM D1475  Density or weight per gallon
ASTM D1005, 1186 Dry-film thickness
ASTM D823  Film application on test panels
ASTM D522  Flexibility
ASTM D4708  Free film preparation
ASTM D2794 Impact resistance
ASTM E300  Sampling
ASTM D3924 Standard laboratory conditions
ASTM D2370  Tensile properties
105 CMR 460.115 Toxicological Assessment Protocol for Encapsulants
DL-11667A Modified Heat Resistance Test

Korean Testing & Research Institute

KS M ISO 11890-2 : 2012 Volatile Organic Content (VOC) (GC/FID)
Asbestos Scattering Test
Korean Test Laboratory conducted the test methods by applying the coatings on Asbestos Containing Materials (ACM) then aggressive air sampling is completed and analyzed by Transmission Electron Microscope (TEM).

Result: No asbestos fiber has been detected.

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.

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 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
Testing and Approvals

- 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 Schools 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
- Passed Korean Standard by either encasement or encapsulation

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
1. PRODUCT NAME

Your Last Coat™

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

Your Last Coat™ is a high performance, UV resistant, water-based, acrylic, non-toxic, zero VOC green coating that is tough, abuse-, rust-, rot-, 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.

Uses: Over most interior or exterior surfaces - wood, plaster, stucco, masonry, concrete, metal, structural steel, transite, galbestos, wood or asphalt roofing shingles, built-up roofing, fiberglass, vermiculite and ceramic fiber.

Use it to seal and encase roofing, Asbestos-Containing Materials (ACM), Lead-Based Paint (LBP), walls, ceilings, trim, ducts, pipes, siding, window trim, porch railings, posts, overhangs, fences, and transite.

Your Last Coat™ GREEN Features:
- Class A Fire Rated
- UL Listed Roof Coating
- Certified Lead Encapsulant - ASTM E-1795 Tested
- Approved for use over Asbestos-Containing Materials
- LEED Solar Reflective Energy Star Roof Coating
- LEED Zero VOC, Non-Toxic
- Mercury and Lead Free
- Sustainable/Renewable
- Easy to use, cleans up with water

Your Last Coat™ PERFORMANCE Features:
- Extremely tough, durable and flexible
- Mildew and mold-resistant
- Fire-, chemical-, impact-, and abuse-resistant
- Waterproof, breathable
- Can be custom tinted almost any color

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

Your Last Coat™ has an elongation of 329% and a tensile strength of 304 psi, superior flexibility, high impact resistance and adhesion all tested in accordance with (ASTM D 6083) standard testing protocol for liquid applied roofing systems.

5. PRODUCT INSTALLATION

- Your Last Coat™ 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 50°F and 100°F.
- 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:

Your Last Coat™ Coverage rate varies depending upon the porosity and texture of the surface being encased.

Theoretical coverage on a flat non-porous surface is:
- Interior System = 7 mil DFT @ 137 sq. ft./gallon
- Exterior System = 14 mil DFT @ 68 sq. ft./gallon

On Roofing:
- 10-Year System = 16 mil DFT @ 60 sq. ft./gallon
- 20-Year System = 32 mil DFT @ 30 sq. ft./gallon

*DFT: Dry Film Thickness

<table>
<thead>
<tr>
<th>Product</th>
<th>Wet Mils</th>
<th>Dry Mils</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your Last Coat™</td>
<td>14</td>
<td>7</td>
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<td></td>
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<td>16</td>
</tr>
<tr>
<td></td>
<td>62</td>
<td>32</td>
</tr>
</tbody>
</table>

Follow manufacturer’s application guidelines.

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 ¼ 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 Your Last Coat™ 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.

Why Replace? – Just Encase!

World-Class Coatings for Better Building Environments

Updated: July 2015
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:
- To Touch: 1-4 Hours
- Recoat After Dry To Touch: 2-8 Hours
- Full Cure: 10-14 Days
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.

Why Replace? – Just Encase!

World-Class Solutions for Better Building Environments

Updated: Aug 2015
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
   - Solids by weight: 51.3% (+/- 2%)
   - Solids by volume: 40% (+/- 2%)
   - Weight per gallon: 10.24 lbs
   - VOC: 100 g/l
   - Liquid appearance: Color will vary
   - Viscosity: 85-95 KU
   - pH: 9-10
   - Drying time @ 75°F: 2 hours
   - Clean up: Warm, soapy water

   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.

**Why Replace? – Just Encase!**

GLOBAL Encasement, Inc.
World-Class Solutions for Better Building Environments

Updated: Aug 2015
1. PRODUCT NAME

Clear Coat™

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

Clear Coat™ is a high quality acrylic, water-based, non-toxic, low VOC (100 g/l) decorative waterproof coating to be used on most surfaces including PVC, and over encased Vinyl Asbestos Tile (VAT). It forms a durable, high gloss protective barrier that has superior resistance to dirt and wear.

It can be used as a stand-alone coating or apply over any of GLOBAL Encasement, Inc.’s products, PrepLESS Primer™, MPE™ Multi-Purpose Encapsulant, Moldon’t™, AsbestoSafe®, LeadLock™, Your Last Coat™.

It has excellent adhesion and can also function as a primer for PVC roofing prior to the application of a GLOBAL Encasement RoofCoat™ system.

Clear Coat™ Features:
- Provides additional protection from dirt, friction, and water damage
- Extremely durable and easy to clean
- Suitable for foot traffic areas*

*Apply 2 to 3 coats to achieve desired results.

4. TECHNICAL DATA AND PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Solids by volume</td>
<td>33% (+/-1%)</td>
</tr>
<tr>
<td>Weight per gallon</td>
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<tr>
<td>VOC</td>
<td>100 g/l</td>
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<tr>
<td>Dried appearance</td>
<td>Clear finish</td>
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<tr>
<td>Drying time</td>
<td>Glossy after 2 or more coats</td>
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<tr>
<td>Flash point</td>
<td>&gt; 200°F</td>
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<tr>
<td>Temperature resistant</td>
<td>235°F (continuous)</td>
</tr>
</tbody>
</table>

5. PRODUCT INSTALLATION

- Clear Coat™ 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 dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
- Best applied in temperatures between 50°F and 100°F.
- Dries in 1 hour. 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.

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 Clear Coat™ 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

Dilution Rates:
For Greasy/Oily Surfaces:
Mix 1 part PremeClean™ with 8 parts water.

For General Cleaning:
Mix 1 part PremeClean™ with 15 parts water.

For Glass, ceramic tile, windows, mirrors, stainless steel:
Mix 1 part PremeClean™ with 50 parts water.

APPLICATION GUIDELINES:
Apply liberally to the surface at the rate of 150 to 200 square feet per gallon. Allow the solution to stand for 3 to 5 minutes before rinsing with plain water.

Note: Low areas and depressions in the substrate containing excessive dirt, grease or oils may require additional solution.

Before cleaner solution dries, wash the surface with clean water. Rinse or wipe thoroughly as required to remove all cleaning solution.

Allow the substrate to dry completely before the application of Global Encasement Inc. products.

Read and follow information on the material safety data sheet.

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.

Why Replace? – Just Encase!
1. PRODUCT NAME

Globe Caulk™

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

**Globe Caulk™** is a high quality, water-based, non-toxic, non-flammable low VOC (43 g/l), elastomeric 100% acrylic caulk that contains no solvents.

It is excellent for interior or exterior use to bridge cracks, fill holes and feather ridges.

It is designed to maintain outstanding performance characteristics for many years, remaining flexible, weather resistant and well adhered.

**Globe Caulk™ Features:**

- Elongation of 900% and superior flexibility over a wide temperature range (passes 1” mandrel bend test at -15°F)
- Durable finish with superior adhesion to many surfaces
- Meets or exceeds TT-S-00230C Type II Class B and ASTM C-920-79, Class 12 ½

4. TECHNICAL DATA AND PROPERTIES

- Solids by weight: 61% (+/- 2%)
- Solids by volume: 59.4% (+/-2%)
- Weight per gallon: 8.8 lbs
- VOC: 43 g/l
- Appearance: White
- Drying time: 10 to 20 minutes

5. PRODUCT INSTALLATION

- **Globe Caulk™** is ready to use.
- **DO NOT DILUTE. PROTECT FROM FREEZING.**

- Apply by brush, trowel, putty knife, or standard caulking gun.
- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
- Apply in temperatures between 50°F and 100°F.
- Dries in 10 to 20 minutes. 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:**

- 30 linear ft. with a ¼” bead / 10 oz. Cartridge
- 57.09 linear ft. with a 3/16” bead / 10 oz. Cartridge
- 1,305 linear ft. with a ¼” bead / 3.5 gallon pail
- 2,483 linear ft. with a 3/16” bead / 3.5 gallon pail
- Over flat walls 10 sf/gallon will yield 10 DFT

Coverage varies depending on size of cracks and texture of surface to be repaired. Solids content is very high and assures minimal shrinkage.

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 **Globe Caulk™** 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.

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**Why Replace? – Just Encase!**

GLOBAL Encasement, Inc.
World-Class Solutions for Better Building Environments

Updated: Aug 2015
MATERIAL SAFETY DATA SHEET
Your Last Coat™

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Your Last Coat™
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: Inert Pigment:
CAS No.: Mixture*
Acrylic Polymer: Not Hazardous
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 Your Last Coat™. 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>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form:</td>
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<td>Color:</td>
<td>White</td>
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<td>pH:</td>
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<td>Viscosity (KU):</td>
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<tr>
<td>VOC:</td>
<td>Zero</td>
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</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
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.

Flammability
Health
Reactivity
Special

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. 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 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

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<th>Property</th>
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</thead>
<tbody>
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<td>Physical Form</td>
<td>Liquid</td>
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<tr>
<td>Color</td>
<td>White</td>
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<td>Flash Point</td>
<td>N/A</td>
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<td>Specific Gravity (water = 1.0)</td>
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<td>Viscosity (KU)</td>
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</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.

Flammability
Health
Reactivity
Special

HAZARD INDEX:
0=Minimal, 1=Slight
2=Moderate, 3=Serious, 4=Severe
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 not 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>
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<tbody>
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<td>Physical Form</td>
<td>Liquid</td>
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<tr>
<td>Odor</td>
<td>Mild scent</td>
</tr>
<tr>
<td>Color</td>
<td>Color varies</td>
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<tr>
<td>Lbs/Gal</td>
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<td>Viscosity (KU)</td>
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<td>VOC, grams/liter</td>
<td>100</td>
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</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)
SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Coat™
PRODUCT DESCRIPTION: Acrylic Coating
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: 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 Clear Coat™. 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: Mechanical local exhaust ventilation at point of containment release.

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

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<th>Property</th>
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<td>Physical Form</td>
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<td>Flash Point</td>
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<tr>
<td>Viscosity (KU)</td>
<td>Water Like</td>
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</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
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: CAS No.:
Water: 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>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Light Blue</td>
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<tr>
<td>Flash Point:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (water = 1.0):</td>
<td>1.02</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>212°F</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Heavier than Air</td>
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<tr>
<td>Odor:</td>
<td>Mild scent</td>
</tr>
<tr>
<td>Lbs/Gal:</td>
<td>11.85</td>
</tr>
<tr>
<td>pH:</td>
<td>9-10</td>
</tr>
<tr>
<td>Viscosity (KU):</td>
<td>100-120</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>N/A</td>
</tr>
<tr>
<td>VOC:</td>
<td>Zero</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Complete</td>
</tr>
</tbody>
</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
Globe Caulk™

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Globe Caulk™
PRODUCT USE: Acrylic Caulking Compound
PRODUCT DESCRIPTION: 100% Acrylic Caulk, 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: Acrylic Polymer: Not Hazardous
CAS No.: 7732-18-5
Water: 13463-67-7
Titanium Dioxide:
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: Vapor or mist can cause irritation of the nose, throat and lungs.
Eye Exposure: Possibly slightly irritating to eyes with direct contact.
Skin exposure: Possible skin irritant with prolonged or repeated 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. 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: 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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep unnecessary people away. Scoop or shovel solid material into a suitable container for recovery or disposal. Keep spills and cleaning runoff out of municipal sewers or open bodies of water. Floors may be slippery; use care to avoid falls.

SECTION VII – HANDLING AND STORAGE INFORMATION

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

PRECAUTIONS TO BE TAKEN IN STORING: KEEP MATERIAL FROM FREEZING, PRODUCT MAY COAGULATE. Keep tightly covered. Material may develop bacterial odor on long-term storage if contaminated.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear suitable respirator (MSHA/NOSH approved or the equivalent), where exposure limits are exceeded.

VENTILATION: Mechanical local exhaust ventilation at point of containment release.

PROTECTIVE GLOVES: Impervious gloves for prolonged or repeated contact.

EYE PROTECTION: Chemical splash goggles (ANSI 2-87.1) or approved equivalent.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Form:</th>
<th>Paste</th>
<th>Odor:</th>
<th>Mild scent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>White</td>
<td>Lbs/Gal:</td>
<td>8.8</td>
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<tr>
<td>Flash Point:</td>
<td>N/A</td>
<td>pH:</td>
<td>7.5-8.5</td>
</tr>
<tr>
<td>Specific Gravity (water = 1.0):</td>
<td>1.06</td>
<td>Viscosity (KU):</td>
<td>275,000-325,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VOC, grams/liter:</td>
<td>43</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)
I. GENERAL

1.01 SUMMARY
A. Provide labor, materials, equipment and supervision necessary to install (spray-apply, brush or roller) GLOBAL Encasement, Inc. systems 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 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-one (21) 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, type of material and production lot numbers.
B. Storage: Store materials between 40°F and 90°F 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 one-year shelf life.

1.05 PROJECT CONDITIONS
A. Environmental Requirements Conditions.
   1. These minimum recommendations for material coverage 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 GLOBAL Encasement, Inc. system is dry and materials are applied over a test area to ensure proper adhesion.
3. Install all material in strict accordance with all published safety or applicable regulations of GLOBAL Encasement, Inc. and/or 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 50°F. No coating system shall be applied if precipitation or freezing temperatures are expected within 72 hours.

6. Instructions for use of all GLOBAL Encasement, Inc. materials and application equipment should be read and followed at all times.

II. PRODUCTS

2.01 GLOBAL Encasement, Inc. Systems

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

1. All Your Last Coat™ 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. Coatings shall have independent third-party accredited toxicological report stating: “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.”

5. Coating materials shall have zero VOC (Volatile Organic Compound) content.

6. 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 fireproof 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" Test 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-Chalking, highly Blister Resistant, Rust Resistant, highly Chemical Resistant and remains flexible after 1000 hour ASTM Accelerated Weather testing.
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 spray 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: Your Last Coat™
   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, Inc.'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 must be free of moisture.
C. GLOBAL Encasement, Inc. coatings being applied over potential surface contaminants, such as glossy, greasy, dirty, or otherwise questionable surfaces, should be tested for surface compatibility. When applying PrepLESS Primer™ over dirty surfaces back rolling will pick up any loose material and embed it in the encasement. Also, this procedure will provide better adhesion.
D. If product spray should occur on any surface not to be coated, wipe immediately to avoid staining or permanent adhering.

3.03 APPLICATION

The following are general application guidelines. For site specific recommendations, please contact our office at: (800) 266-3982

Under no circumstances are GLOBAL Encasement, Inc.’s products to be diluted with water, solvents or paint additives. Diluting GLOBAL Encasement, Inc. materials voids all warranties with the following exceptions:

- **MPE™ Multi-Purpose Encapsulant:**
  This product has been fully tested up to a dilution rate of 10:1.

- **PremeClean™ Industrial Cleaner Concentrate:**
  This product has been tested up to a dilution rate of 50:1.

A. Application first seals and stabilizes the surfaces, then produces a durable, long-lasting protective jacket over the aging paint. The application of a test area is recommended.

B. For Metal Surfaces that rust:

1. Use PremeClean™ Industrial Cleaner, our non-corrosive, biodegradable, and water-soluble product to prepare surfaces using wet removal technique to remove all loose and flaking paint from the metal surfaces, wipe and rinse clean, allow to dry.
2. Apply one coat of R.I.P.™ Rust-Inhibiting Primer (corrosion inhibitor) directly over all metal surfaces; apply two coats over rusted areas. Apply R.I.P.™ Rust-Inhibiting Primer at a coverage rate of 100 to 150 square foot per gallon, per coat (12 - 16 wet mils). This will dry to 4 - 7 dry mils of primer per coat. Allow to dry thoroughly before applying second coat.
3. Apply Your Last Coat™ over dried primed surfaces. Apply at a coverage rate of 126 square feet per gallon per coat (14 - 18 wet mils) to produce 7 dry mils per coat. If there is no rust and the paint is intact, use Your Last Coat™ TopCoat directly.

C. For Highly Weathered Wood and Damaged, Loose and Flaking Paint:
1. Use PremeClean™ Industrial Cleaner, a non-corrosive, biodegradable, water-soluble product to prepare surfaces. Use wet removal technique to remove all excessive loose and flaking paint from the surfaces, break all bubbles, rinse clean and allow to dry.
   
   i. Dust-free techniques for removing excessive loose damaged paint is to apply a thin coat of PrepLESS Primer™ (as described in step 2 below) then selectively scrape off only the excessively loose paint. Then complete application of PrepLESS Primer™ as in step 2 below.

2. Apply two coats of PrepLESS Primer™ directly over all surfaces including over damaged, loose and flaking paint or bare spots. The first coat of PrepLESS Primer™ can be spray, brush, roller or cloth applied to a thin coat (3 to 6 wet mils) over all surfaces.
   
   i. Use a wet mil gauge to determine proper wet coating thickness to yield the desired dry mil thickness. Next, before a skin forms on the coating, go over the surface with a roller to push the material into any cracks or voids in the surface. This process will also help to embed any loose material into the encasement system. Thirty to sixty (30 to 60) minutes later, apply the balance of the PrepLESS Primer™ materials and work onto the loose and flaking areas. Apply at a coverage rate of 80 to 100 square foot per gallon (use more PrepLESS Primer™ material over rough and bare areas). Allow primer coat to dry thoroughly before over-coating.
   
   ii. Note: PrepLESS Primer™ goes on milky white and dries clear, forming a flexible membrane that remains tacky when dry.

3. Where caulking is required to produce a smooth surface and/or to seal around windows, doors and seams, use compatible Globe Caulk™ (trowelable grade or in tubes). Patch damaged areas as needed. Allow to dry before applying the topcoat.

4. Next, apply one or two coats of Your Last Coat™ over all the dry primed surfaces. Apply at a coverage rate of 126 square feet per gallon per coat (13 wet mils). This will produce 7 dry mils per coat. Allow to dry before applying second coat and let the system dry overnight before removing tape. Your Last Coat™ dries to form a matte finish surface.

5. To prevent damage to the coatings when removing all plastic and masking tape, use a utility knife to cut masking at painted edges. Prompt cleanup of equipment is recommended. Cleanup is with warm soapy water.

D. PrepLESS Primer™ is a high solid engineered coating material (45% solids content - by volume). PrepLESS Primer™ can penetrate and stabilize unstable surfaces. PrepLESS Primer™ has excellent adhesion and adheres to most surfaces. A test area should be used to verify surface compatibility on any questionable surfaces.

   Allow to dry 2 to 24 hours before applying topcoats.

   (The environment in a containment area can extend dry times.)
Note: PrepLESS Primer™ goes on milky white and dries clear.

E. Globe Caulk™ (trowelable grade) can be used to bridge and seal cracks up to a ¼” thick and to fill in shallow voids. On surfaces where Globe Caulk™ is used directly over unsealed substrates, a test area should be used prior to application.

F. Your Last Coat™ is a high solids content material. When applying Your Last Coat™, (by brush, roller, or spray), use a wet mil gauge to determine proper wet coating thickness to yield the desired dry film thickness. Apply Your Last Coat™ in two passes with the second pass perpendicular (at 90° angle) to the first pass. Back-rolling Your Last Coat™ on rough surfaces can help to fill visible voids while conserving the use of materials.

A finished GLOBAL Encasement, Inc. system shall be seamless and form a uniform, continuous, flexible coating that encloses the painted surface.

G. Coverage rate per gallon varies depending upon porosity, texture, condition of the surface and the mil thickness. Rough, highly textured surfaces require more material than flat or smooth surfaces.

The calculated coverage rate for Your Last Coat™ on a flat, non-porous surface is: 126 sq. ft per gallon (applied @ 13 wet mils = 7 dry film thickness per coat.)

Your Last Coat™ can be used over various interior or exterior surfaces including: walls, ceilings, trim, flat Transite, rough, porous, textured or irregular surfaces, cementitious surfaces, stucco, wood siding, shingle siding, window frames, windowsills & porch walls, wood overhangs, porch ceilings, wood trim & posts, *porch floors.

H. To prevent damage to the coatings when removing all plastic and masking tape, use a utility knife to first cut at coating edges. Under normal drying conditions, GLOBAL Encasement, Inc. products develop their full strength and chemical resistance properties 7 to 10 days following application. The circulation of air helps water-based materials to dry more rapidly. Follow all applicable state and/or federal OSHA Guidelines.

3.04 FIELD QUALITY REQUIREMENTS

A. Manufacturer’s Field Services: Inspection by a GLOBAL Encasement, Inc. Authorized Sales Representative can 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.

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

C. 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. Your Last Coat™ TopCoat
2. PrepLESS Primer™
3. R.I.P.™
4. ClearCoat™
5. PremeClean™ Industrial Cleaner
6. Globe Caulk™

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.

© GLOBAL Encasement, Inc. All rights reserved.
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.

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