



# GLOBAL Encasement, Inc.

## MATERIAL SAFETY DATA SHEET

### RoofCoat™

#### SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **RoofCoat™**  
 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 Number	% by Weight
*Titanium dioxide (unbound only)	13463-67-7	3-7
Limestone	1317-65-3	15-40
Zinc Oxide	1314-13-2	2-4

*\*The hazards of the listed titanium dioxide, crystalline silica (Quartz) from limestone and ZnO are for their powder unbound form. In the bound form and when used for application as a roof coating for which the products are designed, these ingredients are not hazardous.*

#### SECTION III – HAZARDS IDENTIFICATION

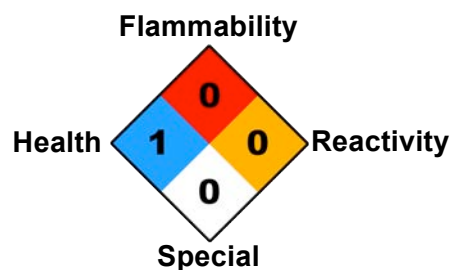
##### EFFECTS OF OVER EXPOSURE:

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.



**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

EXTINGUISHING MEDIA: LEL - N/A  
Use dry chemical, foam or carbon dioxide to extinguish fire.

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.

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## SECTION VI – ACCIDENTAL RELEASE MEASURES

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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.

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## SECTION VII – HANDLING AND STORAGE INFORMATION

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PRECAUTIONS TO BE TAKEN IN HANDLING: Do not take internally. Use approved clothing when using **RoofCoat™**. 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 (37.77°C). 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.

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## SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

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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 Z-87.1) or approved equivalent.

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## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

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Physical Form:	Liquid	Odor:	Slight amine odor
Color:	White	Lbs/Gal:	11.85
Flash Point:	N/A	pH:	8.5-10.4
Specific Gravity (water = 1.0):	1.42	Viscosity (KU):	100-115 KU
		VOC:	Zero

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## SECTION X – STABILITY AND REACTIVITY INFORMATION

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STABILITY: Stable.

REACTIVITY: Non-reactive.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: By Thermal decomposition: carbon monoxide, carbon dioxide, acrylic monomers, and other potentially toxic fumes.

CONDITIONS TO AVOID: Keep from freezing.

INCOMPATIBILITY: None reasonably foreseeable.

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

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Carcinogenicity:

Quartz (in Limestone)

ACGIH: A2-suspected human carcinogen

NIOSH: Potential occupational carcinogen

IARC : Monograph 68 (1997) (Listed under Crystalline Silica inhaled in the form of quartz or Cristobalite)

From occupational sources (Group 1-Carcinogenic to humans)

No other toxicological information available.

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## SECTION XII – ECOLOGICAL INFORMATION

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ECOTOXICITY:

Titanium dioxide

Aquatic Toxicity: 96 hrs. LC50: Fathead minnow >1,000mg/l; LC50: >1000 mg/l (Golden Orfe (Leuciscus idus), 48 hours)

Acute Toxicity to Aquatic invertebrates: EC50 >3mg/l (Water Flea (Daphnia Magna)

Toxicity to Microorganisms : EC50 >10,000 mg/l, (Pseudomas fluorescens, 24 hrs.)

Limestone

Acute and Prolonged toxicity to Fish: LC50: 56,000 mg/l (Mosquitofish (Gambusia affinis), 48 hours)

**Persistence and Degradability, Bioaccumulative Potential, Mobility in Soil:** Not available for components and mixtures in the products listed.

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## SECTION XIII – DISPOSAL INFORMATION

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WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local environmental laws.

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## SECTION XIV – TRANSPORTATION INFORMATION

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DOT CLASSIFICATION: Non-Regulated

UN NUMBER: None

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## SECTION XV – REGULATORY INFORMATION

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SARA TITLE III, SECTIONS 302, 304, 311, 312: This material does not contain any component listed in EPA's List of List.

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## SECTION XVI – OTHER INFORMATION

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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)