



# GLOBAL Encasement, Inc.

## MATERIAL SAFETY DATA SHEET

### MPE™

### SECTION I – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** MPE™  
**PRODUCT USE:** Multi-Purpose Encapsulant  
**PRODUCT DESCRIPTION:** 100% Acrylic Polymer, 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
Water	7732-18-5	20-50
Acrylic Polymer	Not Hazardous	30-60
Aqua Ammonia	1336-21-9	<=0.1
Diphenyl Ketone	119-61-9	<=0.2

### SECTION III – HAZARDS IDENTIFICATION

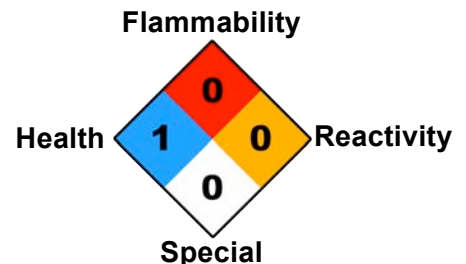
#### EFFECTS OF OVER EXPOSURE:

**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. If breathing is difficult, give oxygen. Avoid mouth-to-mouth resuscitation. Get medical attention immediately. For eye contact, flush with a large amount of water for at least 15 minutes. Insure complete flushing by holding the eyelids apart during irrigation. Call a physician for further instruction. For skin contact, immediately remove contaminated clothing. Wash affected skin area with soap and water. If ingested, do not induce vomiting unless directed to do so by a medical personnel. Get medical attention.

### SECTION V – FIRE AND EXPLOSION INFORMATION

**FLAMMABILITY CLASSIFICATION:** DOT - Not Regulated  
 Flash Point – N/A

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 **MPE™** over Asbestos-Containing Material (ACM). Also, follow all applicable OSHA & EPA, (etc.) regulations concerning asbestos abatement and normal latex paint spraying activities.

PRECAUTIONS TO BE TAKEN IN STORING: Maximum storage temperature 120°F (49°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:	Milky White	Lbs/Gal:	8.55
Flash Point:	N/A	pH:	9.2-9.8
Specific Gravity (water = 1.0):	1.03	Viscosity (KU):	50-300 cps
		VOC:	Zero

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## SECTION X – STABILITY AND REACTIVITY INFORMATION

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STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

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

CONDITIONS TO AVOID: Keep from freezing.

INCOMPATIBILITY: None known.

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

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Carcinogenicity: No data is available.

Refer to section VII for proper handling.

No other toxicological information available.

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**SECTION XII – ECOLOGICAL INFORMATION**

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AQUATIC TOXICITY: Non-toxic

TERRESTRIAL TOXICITY: Non-toxic

No other ecological information available.

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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, SECTION 313: 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.

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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)