

**SECTION I – PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: **GE-MPE**  
 PRODUCT USE: **Multi-Purpose Encapsulant**  
 PRODUCT DESCRIPTION: **100% Acrylic Polymer, Water-Base**  
 Manufacturer: **GLOBAL Encasement, Inc.**  
 701 E. Santa Clara St., Ste 12, Ventura, CA 93001-5972  
 Contact #s: **Tel. # (800) 266-3982 / Fax (800) 520-3291**  
 Emergency Contact #s: (CHEMTREC) **Tel.# (800) 424-9300**  
 Website Address: **www.encasement.com**

**SECTION II – COMPONENT INFORMATION**

**Material or Component:** **CAS No.:**  
 Water 7732-18-5  
 Acrylic Polymer Not Hazardous

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

**SECTION III – HAZARDS IDENTIFICATION**

HMIS HAZARD RATING: Health: 1 Flammability: 0 Reactivity: 0  
 HAZARD INDEX: 0= Minimal. 1= Slight. 2- Moderate. 3= Serious. 4= Severe

PRIMARY ROUTE OF EXPOSURE: Skin/Eye contact

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 MPE 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. If breathing is difficult, give oxygen. Call a physician. For eye contact, immediately 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. Call a physician if irritation develops or persists. If swallowed dilute by giving 2-3 glasses of water to drink, induce vomiting. 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 - N/A  
 LEL - N/A

EXTINGUISHING MEDIA: N/A

UNUSUAL FIRE & EXPLOSION HAZARDS: Material can splatter above 212°F  
 Polymer film can burn.

# MATERIAL SAFETY DATA SHEET

MPE

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. KEEP AWAY FROM CHILDREN. Use approved clothing when using MPE over asbestos containing materials (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 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.

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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 2-87.1) or approved equivalent.

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## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

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Physical Form:	Liquid	Odor:	Mild scent
Color:	Milky White	Lbs/GAL:	8.55
Flash Point:	N/A	pH:	9-11
Specific Gravity (water = 1.0):	1.03	Viscosity (KU):	Waterlike
		VOC, grams/liter:	2

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## SECTION X – STABILITY AND REACTIVITY INFORMATION

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STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and monoxide

CONDITIONS TO AVOID: Keep from freezing.

INCOMPATIBILITY: Avoid alkalis and high temperatures

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

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Carcinogenicity?: NO

Refer to section VII for proper handling.

No other toxicological information available.

