

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **GEI- FR Emulsion**
 PRODUCT USE: **Asphalt Emulsion Fire Retardant Roof Coating**
 PRODUCT DESCRIPTION: Non-fiber, water-based, asphaltic bentonite clay emulsion

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.:
Petroleum Asphalt	8052-42-4
Clay Stabilizer	1332-58-7
Water	7732-18-5
Cellulose Fiber	9004-34-6

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

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 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:	Water, Foam, Dry Chemical
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. Dried spills may be steam cleaned or use a commercial degreasing compound.

SECTION VII – HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING: Do not take internally. **KEEP AWAY FROM CHILDREN.** Use approved clothing when using **GEI-FR**. Also, follow all applicable OSHA & EPA, (etc.) regulations concerning abatement and normal latex paint spraying activities.

PRECAUTIONS TO BE TAKEN IN STORING: 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.

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

Boiling Point:	212°F
Evaporation Rate:	Equal to water
Vapor Density:	Lighter than air
Specific Gravity (water = 1.0):	1.0
Percent Volatile by Volume:	.05% max

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: Strong acids or bases.

