



GLOBAL Encasement, Inc.

SAFETY DATA SHEET GEI Fabric

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: GEI Fabric
Product Use: Reinforcing Fabric
Product Description: Polyester (polyethylene terephthalate polymer)
Manufacturer: GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ventura, CA 93001
Tel. # (800) 266-3982 / Fax (800) 520-3291
Contact #s:
Website Address: www.encasement.com

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: Non-Hazardous
GHS Label: None.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Material or Component	% by Weight
Polyester	100

SECTION 4: FIRST-AID INFORMATION

No health problems are anticipated from exposure to this product under normal conditions.

SECTION 5: FIRE-FIGHTING MEASURES

General: Molten polyester can cause severe burns to the skin. Those involved in flame evaluation of the product should avoid breathing any combustion fumes or gases. Decomposition products generated from molten polymer may be subject to auto ignition.

Suitable Extinguishing Media: Use water, water fog, foam, carbon dioxide, dry chemical.

Specific Hazards Arising from the Chemical: Thermal decomposition products may include oxides of carbon and nitrogen. Vapor or gas may spread to distant ignition sources and flash back. Vapors or gas may accumulate in low areas.

Special Protective Action for Firefighters: Exposed firefighters must wear NIOSH approved positive pressure self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Not applicable.

Environmental Precautions: No environmental hazards are associated with this product.

Methods of Cleaning Up: Sweep and collect waste fabric into a waste container for proper disposal or reuse.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing dust, vapor or that may evolve during processing. Use adequate ventilation/personal protection. Wash thoroughly after handling. Use personal protective equipment in handling and observe personal hygiene after use of the product. Some individuals have been known to have allergic reactions when prolonged contact is made with certain fabrics. Such individuals may wear gloves to avoid direct skin contact.

Conditions for Safe Storage: Avoid all possible sources of ignition and other fire hazards.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Engineering Controls: No special ventilation is normally required.

Protective Measures: No special protective measures under normal conditions of use.

Eye/Face Protection: None required.

Skin Protection: None required.

Respiratory Protection: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Per OSHA 29 CFR Part 1910.1200, this product is defines as an “article”. As a result, most physical data (such as vapor pressure and flash point) applicable to the chemicals do not apply.

Appearance:	Solid with variable colors
Odor:	Odorless
Odor Threshold:	Not applicable
pH:	Not applicable
Melting Point/Freezing Point:	Polyester - 265 °C (509 °F)
Initial Boiling Point and Boiling Range:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Not available
Flammability (Solid, Gas):	Not available
Upper/Lower Flammability or Explosive Limits:	Not available
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Specific Gravity:	Polyester - 1.34-1.39
Solubility(ies):	Not applicable
Partition Coefficient: N-Octanol/Water:	Not available
Auto-Ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not applicable

Note: The above data are typical values and must not be construed as a specification.

SECTION 10: STABILITY AND REACTIVITY INFORMATION

Reactivity: Non-reactive.

Stability: Stable.

Possibility of Hazardous Reactions: None known.

Conditions/Materials to Avoid: No known materials to avoid.

Incompatible Materials: None known.

Hazardous Decomposition: Hazardous polymerization will not occur. By Thermal decomposition: may produce hydrogen, oxygen, carbon, nitrogen and oxides of carbon and nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms/Effects of Overexposure

Inhalation: None expected.

Skin Contact: None expected.

Eye Contact: None expected.

Medical Conditions

Aggravated by Exposure: None known.

Carcinogenicity Data: None of the components in this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC).

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No information is available.

SECTION 13: DISPOSAL INFORMATION

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental laws.

SECTION 14: TRANSPORTATION INFORMATION

UN Number:	Not applicable
UN proper Shipping Name:	Not applicable
Transport Hazard Class:	Not applicable
Packing Group:	Not applicable
Environmental Hazards:	Not hazardous
Land Transport (DOT):	Non-Regulated
Sea Transport (IMDG):	Non-Regulated
Air Transport (ICAO/IATA):	Non-Regulated
Special Precautions:	No data available

SECTION 15: REGULATORY INFORMATION

Unites States TSCA Inventory (US.TSCA): All components of this product are in compliance with the inventory listing requirement of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CERCLA Information (40CFR302.4): Release of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to the state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title Section 304.

SARA TITLE III, Sections 302, 304, 311, 312, 313: This material does not contain any component listed in EPA's List of List.

Workplace Classification

OSHA: This product is considered not hazardous under OSHA Hazard Communication Standard (29CFR 1910.1200).

WHMIS: This product and its components are not listed as a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

Proposition 65: This product does not contain a chemical known to cause cancer or reproductive toxicity.

SECTION 16: OTHER INFORMATION**Hazardous Material Information System (HMIS) Rating:**

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	0

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This SDS adheres to the standards and regulatory requirements of the United States and has been written under the guidance of the Globally Harmonized System of Classification and Labeling of Chemicals.

Key of Acronyms:

DOT	Department of Transportation
EPA	Environmental Protection Agency
GHS	Globally Harmonized System (of Classification and Labeling of Chemicals)
ICAO	International Civil Aviation Organization
IATA	International Air Transportation Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Concentration STEL Short Term Exposure Limit
LD50	Median Lethal Dose or Lethal Dose, 50 %
N/A	Not Available
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety
OSHA	Occupational Safety and Health Administration
SARA	Superfund Amendments and Reauthorization Act
TRI	Toxic Release Inventory

The information in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. The information relates only to the specific material designated and may not be valid for such material used in combination with or any other material in any process, unless specified in the test.

End of Safety Data Sheet