MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: Fiberglass Material

Product Numbers: Cloth: 100903, 100904, 100906, 100911, 100912, 100917, 100918
Cloth Tape: 100637C, 100920, 100922, 100923, 100924. 100932
Mat: 100370C, 100940, 100941, 100942, 100945
Woven Roving: 100946

Product Use: Reinforcement Material

Company

Fibre Glass-Evercoat
a Division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, Ohio USA
Phone: 513-489-7600

Emergency Telephone Numbers:

CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

Prepared By: Safety Department

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	EINECS Number	% (by weight)
Glass Enamel Dust	65997-17-3	266-046-0	85 – 100

OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product.

SECTION 3. HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

STABLE, NON-HAZARDOUS FIBROUS MATERIAL

Potential Health Effects

Acute Effects (Short Term):

Eye: Contact with airborne fibers may result in mild irritation, redness, tearing, and blurred vision.

Skin: May cause mild skin irritation. Prolonged or repeated contact may cause rash or itching. Ingestion is unlikely.

Swallowing: Ingestion of this material may cause mild gastrointestinal irritation.

Inhalation: Excessive inhalation of fibers may cause mild nasal and respiratory irritation, coughing or sneezing. Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 8).

Chronic Effects of Overexposure (Long Term):
Excessive inhalation of airborne fibers may cause lung damage.

Cancer Information: This product does not contain any substance, which is listed as a carcinogen by NTP, IARC or OSHA in quantities greater than 0.1%. The International Agency for Research on Cancer (IARC) has catagorized continuous fiberglass filaments as not classifiable with respect to human carcinogenicity.

Other Health Effects: None known.

Primary Route(s) of Entry: Inhalation, Skin contact, Eye contact.

SECTION 4. FIRST AID MEASURES

Eyes: Flush eyes gently with water for at least 15 minutes. Seek medical attention.

Skin: Wash exposed area with soap and water. Do not use warm water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing: Ingestion is unlikely. If ingestion occurs, watch person for several days to make sure that a partial or complete intestinal obstruction does not occur. DO NOT INDUCE VOMITING.

Inhalation: If symptoms develop, immediately move individual away from exposure and into fresh air. If irritation persists seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: N/A
Explosive Limit: **Lower:** N/A **Upper:** N/A
Autoignition Temperature: N/A
OSHA Flammability Class: Non flammable

Hazardous Products of Combustion: May form toxic and corrosive gases: carbon dioxide, carbon monoxide, hydrogen and water. Other undetermined compounds could be released in small quantities.

Fire and Explosion Hazards: None known

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

Fire Fighting Instructions: Wear a self-contained breathing apparatus NIOSH approved with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

NFPA Rating: Health - 0, Flammability - 0, Reactivity - 0

SECTION 6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Wear proper protective equipment (Section 8). Avoid breathing dust fibers. Keep debris minimal and dispose of properly.

SECTION 7. HANDLING AND STORAGE

Handling: All hazard precautions given in the data sheet must be observed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not breathe fibers or dust. Do not take internally. **Keep out of reach of children.**

Storage: No special procedures.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Safety glasses in compliance with OSHA regulations are recommended.

Skin Protection: Protective gloves and proper clothing should be worn to prevent skin contact. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection: Use a NIOSH approved respirator designed to remove particulate matter.

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below acceptable limits.

Exposure Guidelines:

Hazardous Ingredients	CAS Number	OSHA PEL/TWA	ACGIH TLV
Fibrous Glass Dust	65997-17-3	5 mg/m^3	10 mg/m^3

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/A	**Vapor Density:**	N/A
Specific Gravity	2.6 (glass)	**Percent Volatiles by weight:**	N/A
Evaporation Rate:	N/A	**Physical State:**	Solid
Melting Point:	1472°F/ 800°C	**pH:**	N/A

Odor:	No odor.	**Solubility:**	Insoluble in water.
Vapor Pressure:	N/A	**Appearance:**	off white to white
Octanol/Water Partition	N/A	**VOC (material):**	<0.4%

SECTION 10. STABILITY AND REACTIVITY

Hazardous Polymerization: Product will not undergo hazardous polymerization.
Hazardous Decomposition: May form toxic and corrosive gases: carbon dioxide, carbon monoxide, hydrogen and water.
Chemical Stability: Stable under normal handling conditions.
Incompatibility: None known

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data: None known
Carcinogenicity: See Cancer Information, Section 3.
Mutagenicity: No significant evidence found.
Teratogenicity: No significant evidence found.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No effects known. Fiberglass is an inert material and no special precautions need to be followed in case of a spill or release of this material.

SECTION 13. DISPOSAL CONSIDERATION

RCRA Hazardous Waste: This material as supplied, if discarded, would not be regulated as a hazardous waste under RCRA (40 CFR 261). Dispose of in accordance with applicable federal, state, and local regulations.

RCRA Hazard Class: This material would be regulated as EPA non-RCRA.

SECTION 14. TRANSPORT INFORMATION

DOT Description: The DOT Classification for shipping is dependant on quantity, type of packaging (a kit may include other components), or method of shipment.

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (USA) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4(a)

Component	RQ (lbs.)
None	

SARA Title III: Section 302- Extremely Hazardous Substances
None

SARA Title III: Section 313- Toxic Chemical List

Component	CAS Number	Percentage
None		

International Regulations

EINECS (Europe) The intentional ingredients of this product are listed.

DSL (Canada) The intentional ingredients of this product are listed.

WHMIS Classification

Health Hazard: D2B (Other toxic effects)

Physical Hazard:

State and Local Regulations

California Proposition 65:

This product contains the following chemical(s) known to the state of California to cause cancer. NONE

This product contains the following chemical(s) known to the state of California to cause birth defects or reproductive harm. NONE

SECTION 16. OTHER INFORMATION

HMIS Rating: Health – 1, Flammability - 0, Reactivity - 0
Key- 0=Least, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme, *=Chronic Effects

Other Precautions for Use: This material contains fibers assembled into mats, rovings or fabrics. When fiberglass is used as a reinforcement in plastic materials, caution must be exercised with the resin and curing catalysts that may have additional hazards. Additional respiratory protection may be necessary for protection from vapors and mists emitted from the use of resins and catalysts.

Additional Information may be obtained by calling the Evercoat MSDS Hotline at 1-800-729-7600.

NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.