GHS SAFETY DATA SHEET (SDS)

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PART #241 2 oz. Fiberglass Fabric

FIBRE GLAST DEVELOPMENTS CORP.
385 CARR DRIVE
BROOKVILLE, OH 45309

TELEPHONE: (937) 833-5200
FAX: (937) 833-6555
FOR CHEMICAL EMERGENCY
CALL (800) 424-9300 24 HRS.

RECOMMENDED USE: Woven textile product for use with Standard Composite Manufacturing

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

This finished product has not been tested. Hazards identified are based on hazards of the ingredients. This product contains a hazardous chemical, as defined by OSHA at 29 CFR 1910.1200.

Skin irritation	:	Category 3
Specific target organ toxicity – single exposure	:	Category 3 (Respiratory tract irritation)

GHS Label Element
Hazard pictograms :

Signal word : Warning

Hazard statements	: H316 Causes mild skin irritation. H335: May cause respiratory tract irritation.
Precautionary statements	: P261 Avoid breathing dusts or fibers. P271 Use only outdoors or in a well-ventilated area. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P332+P313: If skin irritation occurs, get medical advice/attention. P501: Dispose of contents/container in accordance with local/regional/ national/international regulations.
Relevant route of exposure and/or target organs	: Dermal, Inhalation

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS#	%
Glass, oxide, chemicals	65997-17-3	≥99.5
Fibrous glass dust	Not assigned	Not assigned
Silane Coupling Agents[A]	Not assigned	≤0.5

* Amount will be dependent upon method of handling.

[A] – Chemically bound to the fiberglass

SECTION 4 – FIRST AID MEASURES

Skin contact: Flush with ample cool water followed by washing with mild soap to remove accumulated fibers.

Eye contact: Flush with flowing water for 15 minutes—seek medical attention.

Inhalation: Move to fresh air.

Ingestion: Not likely to occur through normal use. Should ingestion occur, seek medical attention.

Most important symptoms/effects: Direct skin contact with fibrous glass or its dust may cause mechanical irritation and transitory dermatitis. Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.

Indication of immediate medical attention and special treatment needed: Get medical attention if product comes into contact with skin or eyes, or if it is inhaled or ingested.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing media: Water, dry powder, or foam (needed for packaging only)

Hazardous combustion products: Not applicable

Protective equipment: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Fire-fighting procedures/precautions: Fiberglass itself will not support combustion, but in a sustained fire, proper protection against products of combustion from the fuel must be worn.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: A release of this product is not expected to pose risks to workers under normal circumstances. If the material is involved in a fire, or if dusts are produced, no action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Protective equipment: Wear protective gloves/eye protection/skin protection.

Methods/Materials for containment and cleaning up: Dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant. Dispose of in accordance with all government regulations. Do not discharge into waterways or sewer systems without proper authority.

SECTION 7 – HANDLNG AND STORAGE

Precautions: This product should be handled under conditions of good industrial hygiene and in conformity with any local regulations to avoid unnecessary exposure. Use in a well-ventilated area. Do not breathe dust. Avoid contact with skin.

Storage: Store in a well-ventilated, dry location.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS
Component: Fibrous dust
OSHA/PEL: 5 mg/m^3
ACGIH/TLV: 5 mg/m^3
*Dust may be produced during handling.

Engineering controls: Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the TLV or PEL.

PERSONAL PROTECTION MEASURES/EQUIPMENT

Skin protection: Barrier creams, gloves, and long-sleeve, loose-fitting clothing may be required for certain workers who have sensitive skin or contact dermatitis. Work clothing should be laundered separately from other clothing before reuse.

Eye protection: Not normally required, but as a good safety work practice, eye protection such as safety glasses/side shields or equivalent whenever use of the product releases airborne fibrous glass.

Respiratory protection: If airborne fibrous glass exceeds the regulatory limits, or if upper respiratory irritation occurs, use a N95 particulate filtering respirator.

Other protection: Observe good personal hygiene.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Solid
Color	: White
Odor	: Odorless
Odor Threshold	: None
pH	: None
Freezing Point (Melting point/freezing point)	: >800^{0}C (>1472^{0}F)
Initial Boiling Point	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Upper/Lower Flammability	: Not applicable
Upper/Lower Explosive Limits	: Not applicable
Vapor pressure	: Not applicable
Vapor Density	: Not applicable

Relative Density/ Specific Gravity	: 2.4 to 2.7
Solubility	: Insoluble
Partition Coefficient	: Not known
Auto-ignition Temperature	: Not known
Decomposition Temperature	: Not known
Volatility	: Not known
Viscosity	: Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not self-reactive, water-reactive, or spontaneously combustible.

Chemical stability: This product is stable.

Hazardous reactions: Under normal conditions of storage and use, hazardous reaction will not occur.

Conditions to avoid: When exposed to high temperatures, may produce hazardous decomposition products.

Incompatible products: None known.

Hazardous decomposition products: Fiberglass products may release small amounts of acetic acid and other organic materials at elevated temperatures.

Hazardous polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Relevant route of exposure/Target organs: Dermal, Inhalation

Symptoms: Causes mild skin irritation. May cause irritation of the mouth, nose, and throat after inhalation exposure.

Delayed and immediate effects: Not known

Chronic effects (short and long term exposure): Not known

Numerical measures of toxicity: None

Carcinogenicity: No ingredient is listed as a carcinogen by the NTP, IARC, or OSHA at 29 CFR 1910 Subpart Z.

Mutagenicity: No data available

Reproductive Toxicity: No data available

SECTION 12 - ECOLOGICAL INFORMATION

No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Do not discharge into waterways or sewer systems without proper authority. Dispose of in accordance with all government regulations.

SECTION 14 - TRANSPORT INFORMATION

Not regulated as a hazardous material/dangerous good for transportation in all modes of transportation (US DOT, ICAO/IATA, IMO).

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status: Exempt per section 8 (a), 710.2 (f), and 704.5 (a)
SARA Title III Section 302: None
SARA Title III Section 304: None
SARA Title III Section 311/312 Hazard Categories: Immediate (acute)
SARA Title III Section 313: This product does not contain components that are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (ESCRA or SARA Title III) and 40 CFR 372.
CERCLA RQ: Not listed
California Proposition 65: Not known
Massachusetts Right to Know: Less than reportable quantity
New Jersey Right to Know: Less than reportable quantity
Pennsylvania Right to Know: Less than reportable quantity

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the Canadian DSL.

Europe: All components of this product are included on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are not required to be listed on the EINECS.

China: All components of this product are included on the Chinese Inventory (IECSC) or are not required to be listed on the Chinese IECSC.

Japan: All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese inventory.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean ECL.

Philippines: All components of this product are included on the Philippine (PICCS) or are not required to be listed on the Philippine PICCS.

Australia: All components of this product are included on the Australian (AICS) or are not required to be listed on the Australian AICS.

SECTION 16 – OTHER INFORMATION

This product is classified as a Skin Irritant Category 3. However, OSHA does not include Category 3 substances in its hazard classification system.

Abbreviations

ACGIH/TLV	American Conference of Industrial Hygienists Threshold Limit Value
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	US Code of Federal Regulations
DOT	US Department of Transportation
EPCRA	Emergency Planning and Right to Know Act
GHS	UN Globally Harmonized System of Classification and Labeling of Chemicals
HCS	Hazard Communication Standard
IARC	International Agency for Research and Cancer
ICAO/IATA	International Civil Aviation Organization/International Air Transport Association
IMO/IMDG	International Maritime Organization/International Maritime Dangerous Goods Code
LD_{50}	Lethal dose to half of test animals
NTP	National Toxicology Program
OSHA	US Occupational Safety Health Administration
PEL	Permissible exposure limit
RQ	Reportable quantity
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety data sheet
TSCA	Toxic Substances Control Act
UN	United Nations
US/USA	United States (of America)

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with **Fibre Glast Developments Corporation** or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.