



GHS SAFETY DATA SHEET (SDS)

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Part #1580, #1781 (Perforated) — Low Temperature Release Film

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

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**FOR CHEMICAL EMERGENCY
CALL (800) 424-9300 24 HRS.**

RECOMMENDED USE: Standard Composite Manufacturing

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

GHS Label Element

Hazard pictograms	: N/A
Signal word	: N/A
Hazard statements	: N/A
Precautionary statements	: N/A

Hazards not otherwise classified: Toxic fumes may be emitted at elevated temperatures. Do not breathe vapor. (See Section 11 Toxicological Information)

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Article: Thermoplastic film

SECTION 4 – FIRST AID MEASURES

In case of inhalation: In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. If the casualty has difficulty breathing, call a doctor immediately.

Following skin contact: Remove residues with soap and water. After contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin. Seek medical attention.

After eye contact: In the event of irritation from processing vapors: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing: Not a probable route of exposure. In the case of the formation of dust: Rinse mouth. Seek medical treatment in case of troubles.

Most important symptoms/effects, acute and delayed:

In case of inhalation: Inhalation of dust may cause irritation of the respiratory system.

After contact with skin: Thermal decomposition products or aerosols can cause irritation.

Other symptoms: Itching redness of the skin and oedema (swelling). The melted product can cause severe burns.

After eye contact: Process vapors can irritate the eyes. Dust contact with the eyes can lead to mechanical irritation.

Information to physician:

Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point (flash point range) : No data available
Auto Ignition Temperature : No data available
Suitable Extinguishing Media : Water, fog, carbon dioxide, dry chemical, foam
Extinguishing Media which must not be used : High power water jet (for safety purposes)

Special Hazards Arising from the Chemical:

This material is combustible, but will not ignite readily. Toxic fumes may be emitted at elevated temperatures. In case of fire may be liberated: carbon monoxide and carbon dioxide.

Protective Equipment and Precautions for Firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional Information:

Seal off endangered areas. Cool endangered containers with water spray, if possible, remove from danger zone. Use a water fog to control vapors. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Handle in accordance with good industrial hygiene and safety practices. At processing: Avoid the formation of aerosol/vapors. Avoid dust formation. Avoid inhalation and contact with skin and eyes. Wear protective equipment. Keep unprotected people away. Ensure adequate ventilation, especially in confined areas.

Environmental Precautions: Do not allow to penetrate into soil, waterbodies, or drains.

Methods for Clean-up: Take up mechanically, placing in appropriate container for disposal. Dispose of waste according to applicable legislation.

SECTION 7 – HANDLING AND STORAGE

Handling

Advices on safe handling: Handle in accordance with good industrial hygiene and safety practice. At processing: Provide adequate ventilation, and local exhaust as needed. Avoid dust formation. Avoid the formation of aerosol/vapors. Avoid inhalation and contact with skin and eyes. Wear protective equipment. Keep unprotected people away. When using, do not eat, drink, or smoke.

Precautions against Fire/Explosion: Take standard precautions to prevent fire.

Storage

Requirements for Storerooms and Containers: Keep in a cool place. Keep container dry. Protect from direct sunlight. Keep away from incompatible material. Store at room temperature.

Hints on joint storage: Incompatible materials: Strong bases, strong acids, strong oxidizing agents. Keep away from food and drinks.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines (Occupational exposure limit values):

USA: ACGIH: TWA — 10 mg/m³; dust limit value, indicativ; inhalable fraction

USA: ACGIH: TWA — 3 mg/m³; dust limit value, indicativ; respirable fraction

USA: OSHA: TWA — 15 mg/m³; dust limit value inhalable fraction

USA: OSHA: TWA — 5 mg/m³; dust limit value respirable fraction

Engineering Controls

Provide good ventilation and/or an exhaust system in the work area. In case of development of vapors or dust (at processing): Use local exhaust. (See also info in Section 7, Storage)

Personal Protection Equipment (PPE)

Eye/face Protection: At processing (recommended): Safety glasses in accordance with OSHA 29 CFR:1910.133 or ANSI Z87.1-2010

Skin Protection: At processing (recommended): Wear suitable protective clothing. Recommendation: Protective gloves according to OSHA Standard – 29 CFR:1910.138.; Glove material – Nitrile rubber, neoprene (0.11mm);

Breakthrough time: 480 minutes; Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory Protection: Respiratory protection is not necessary if room is well ventilated. At processing: When vapors form, use respiratory protection. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after work. When using, do not eat, drink, or smoke. At processing: Avoid contact with skin, eyes, and clothing. Do not breathe vapors. Do not breathe dust.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid in form, Varying color
Odor:	Odorless
Odor Threshold:	No data available
pH Value:	No data available
Melting Point/Freezing Point:	No data available
Initial Boiling Point (Boiling Range):	No data available
Flash Point (Range):	No data available
Evaporation Rate:	No data available
Flammability:	Combustible, but will not ignite readily
Explosion Limits:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Density:	No data available
Solubility in Water:	Insoluble
Partition Co-Efficient (p-octanol/water):	No data available
Auto-ignition Temperature:	No data available
Thermal Decomposition:	No data available
Additional Information:	No data available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Refer to Section: Possibility of hazardous reactions.

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Keep away from heat. Protect from direct sunlight. Avoid generation of dust. Avoid the formation of aerosol/vapors.

Incompatibility (Material to Avoid): Strong bases, strong acids, strong oxidizing agent

Hazardous Decomposition Products: In case of fire, may be liberated: toxic gases/vapours, carbon monoxide, and carbon dioxide

Possibility of Hazardous Reactions: No dangerous reactions with proper and specified storage/handling.

Thermal Decomposition: No data available

SECTION 11 – TOXOLOGICAL INFORMATION

Toxicological Tests: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Lack of data
Acute toxicity (dermal): Lack of data
Acute toxicity (inhalative): Lack of data
Skin corrosion/irritation: Lack of data
Eye damage/irritation: Lack of data
Sensitization to the respiratory tract: Lack of data
Skin sensitization: Lack of data
Germ cell mutagenicity/Genotoxicity: Lack of data
Carcinogenicity: Lack of data
Reproductive toxicity: Lack of data
Effects on or via lactation: Lack of data
Specific target organ toxicity (single exposure): Lack of data
Specific target organ toxicity (repeated exposure): Lack of data
Aspiration hazard: Lack of data

Other information: Toxic fumes may be emitted at elevated temperatures. Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. Dust may irritate airways and cause bronchitis symptoms.

Symptoms:

In case of inhalation: Inhalation of dust may cause irritation of the respiratory system. After contact with skin: Thermal decomposition products or aerosols can cause irritation. Other symptoms: Itching redness of the skin and oedema (swelling). After eye contact: Process vapors can irritate the eyes. Dust contact with the eyes can lead to mechanical irritation.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

Effects in sewage plants: The insoluble part can be precipitated mechanically in suitable sewage treatment plants.

Mobility in soil: No data available

Persistence and degradability: Product is not biodegradable.

Additional ecological information: Do not allow to penetrate into soil, waterbodies, or drains.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste according to applicable legislation.

Contaminated packaging: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled. Do not remove label until container is thoroughly cleaned.

SECTION 14 – TRANSPORT INFORMATION

USA: Department of Transportation (DOT)
Proper shipping name: Not controlled under DOT

Sea Transport (IMDG)
Proper shipping name: Not restricted
Marine pollutant: No

Air Transport (IATA)
Proper shipping name: Not restricted

Further Information
No dangerous good in sense of these transportation regulations.

SECTION 15 – REGULATORY INFORMATION

National regulations – Great Britain
Hazchem Code –

SECTION 16 – OTHER INFORMATION

NFPA Hazard Rating:
Health: 1 (Slight)
Fire: 1 (Slight)
Reactivity: 0 (Minimal)

HMIS Version III Rating:
Health: 1 (Slight)
Flammability: 1 (Slight)
Physical Hazard: 0 (Minimal)
Personal Protection: X=Consult your supervisor.

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