



SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: #1401 EnkaFusion Nylon Flow Media

Intended Use: Infusion, Resin Transfer Molding (RTM) and Vacuum Assisted Resin Transfer Molding (VARTM)

FIBRE GLAST DEVELOPMENTS CORP.
385 Carr Drive
BROOKVILLE, OH 45309

TELEPHONE: (937) 833-5200
FAX: (937) 833-6555
**FOR CHEMICAL EMERGENCY
CALL (801) 629-0667 24 HRS.**

Recommended Use Infusion, Resin Transfer Molding (RTM) and Vacuum Assisted Resin Transfer Molding (VARTM)

SECTION 2- HAZARDS IDENTIFICATION

OSHA Hazard

Communication Standard:

Finished goods produced by Low & Bonar Inc. are legally deemed as "articles" and as such are exempt from the Code of Federal Regulations, Title 29, Chapter XVII, Part 1910, Subpart Z, Section 1910.1200 of the OSHA Hazard Communication Standard. Therefore, in accordance with the provisions of this Standard, Safety Data Sheets are not required of non-hazardous goods deemed as "articles." In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, Low & Bonar would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

Emergency Overview: Fabric Color-N/A Mat Color- Blue Odor-none

Routes of Exposure: Skin contact, inhalation, ingestion

Potential Health Effects

EYES : Not expected to be a health hazard.

SKIN : Not expected to be a health hazard from skinexposure.

INHALATION : No adverse health effects expected from inhalation.

INGESTION : Not expected to be a health hazard via ingestion.

**CHRONIC
HEALTH
HAZARDS** : No adverse health effects expected.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
No information found.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient: Polyethylene Terephthalate/Polycaprolactum

This product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SECTION 4 – FIRST AID MEASURES

EYES: Not expected to require first aid measures. Wash thoroughly with running water. Get medical attention if irritation develops.

SKIN: Not expected to require first aid measures. Wash exposed area with soap andwater. Get medical advice if irritation develops.

INGESTION: Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice.

INHALATION: Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.

SECTION 5 – FIRE FIGHTING MEASURES

Fire: Not considered to be a fire hazard. Liberates toxic gases when involved in a fire.

Explosion: Not considered to be an explosion hazard

Autoignition Temperature: Approximatly 508°C Polyethylene Terephthalate/350°C Polycaprolactum

Extinguishing Media: Water spray, Dry Chemical, Carbon Dioxide

**Special Fire Fighting
Procedures:**

Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Fire & Explosion Hazards:

None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Accidental Release
Measures:**

Solid material, normal clean up procedure.

SECTION 7 – HANDLING AND STORAGE

Handling and Storage:

Polycaprolactum- Keep away from sparks, heat, & flame. May react with strong oxidizing agents and should not be stored near such materials.

Polyethylene Terephthalate- Take measures to prevent the build up of electrostatic charge.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:

Heat only in areas with appropriate exhaust ventilation.

Respiratory Protection:

No personal respiratory protective equipment normally required

Eye protection:

Safety glasses with side-shields

Skin protection:

Long sleeved clothing and/or protective gloves.

Work Hygienic Practices:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Exposure Guidelines:

Not determined

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Mat: Blue Fabric: N/A

Odor:

Nil

Physical State:

Solid

Boiling point:

NA

Melting Point:	258°C Polyethylene Terephthalate/220°C Polycaprolactum
Specific Gravity:	1.38 Polyethylene Terephthalate/1.13 Polycaprolactum
Vapor Pressure/Density:	NA
Solubility In Water:	Negligible
Percent Solids By Weight:	100%
Percent Volatile:	None
Volatile Organic Compounds (VOC):	None
Molecular weight:	(192.16)n / (113.16)n

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Material is stable.

CONDITIONS TO AVOID: Avoid direct contact with flame.

INCOMPATIBILITY: Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Polycaprolactum- Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.
Polyethylene Terephthalate- Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXOCOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Mat is composed of one organic polymer. No known physical or health hazards associated with the use of this product.

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Does not biodegrade. Reclaim for reprocessing if possible.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of waste as non-hazardous solid waste in accordance with federal, state or provincial and local codes.

SECTION 14 – TRANSPORT INFORMATION

**U.S. DEPARTMENT OF
TRANSPORTATION:**

Finished products manufactured by Low & Bonar Inc. are not regulated by D. O. T. when shipped domestically by land.

**CANADIAN TDG
INFORMATION:**

The Transportation of Dangerous Goods Classification for this product is: Not Regulated.

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA Title III, Section 313: Not listed
NPCA/HMIS Rating: Health-0 (minimal); Flammability 1 (slight);
Reactivity 0 (minimal)
NFPA Designation 704: Not rated

CANADIAN REGULATIONS: WHMIS Information: This product is not a "Controlled Product" under WHMIS.

SECTION 16 – OTHER INFORMATION

Revision Date

6/6/2023

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