SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Fabric**

Product Use Description: Reinforcing fabric

Manufacturer: NanoTech Materials, Inc.
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Katy, TX 77449

Email: info@nanotechmaterials.com

Telephone: 1-(888) 296-6266

2. HAZARDS IDENTIFICATION

GHS Label Elements

Signal Word: Not hazardous

Hazard Statements: Not hazardous

Pictograms: Not necessary

Hazard Classification

Flammable Liquids: Not classified as a dangerous substance.

Serious Eye Damage: Not classified as a dangerous substance.

Skin Sensitizations: Not classified as a dangerous substance.

Specific Target Organ Toxicity: Not classified as a dangerous substance.

Precautionary Statements

Not necessary

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	APPROX %
Polyester Polymer	71394-31-5	100

4. FIRST-AID MEASURES

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

5. FIRE-FIGHTING MEASURES

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

Special firefighting procedures: Keep unnecessary personnel away.

Wear self-contained breathing apparatus and a protective suit.

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.

Unusual fire & explosive hazards:	No unusual hazards expected. Combustion of this product may produce hydrogen, oxygen, carbon, nitrogen and/or oxides of carbon and nitrogen.
Decomposition products:	Decomposition products generated from molten polymer may be subject to auto ignition.

6. ACCIDENTAL RELEASE MEASURES

No environmental hazards are associated with this product.

7. HANDLING AND STORAGE

Precautions for safe handling:	Adequate ventilation is recommended in the work area. Avoid breathing any dust that may evolve during processing Customary personal hygiene measures such as washing hands after working with fabrics are recommended. Individuals known to have allergic reactions when prolonged contact is made with certain fabrics should wear gloves when handling fabric to avoid direct skin contact.
Recommendations on the conditions for safe storage:	Avoid all possible sources of ignition and other fire hazards.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Engineering Controls:	No special ventilation normally required.

Individual protection measures, such as Personal Protective Equipment

Inhalation Protection:	No personal respiratory protective equipment normally required.
Eye/Face Protection:	None required for normal use.
Skin/Body Protection:	Not required.
Hygiene Measures:	Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Spun-Laced (Non-Woven) Polyester Fabric
Physical state:	Solid
Color:	White
Odor:	None
Odor threshold:	None
pH:	Not applicable
Melting point/freezing point:	265°C (509°F)
Initial boiling point and boiling range:	None
Evaporation Rate:	None
Flash point:	None

Flammability (solid, gas):	Combustible at high temperature
Upper/lower flammability or explosive limits:	None established
Vapor pressure:	None
Vapor density:	None
Relative density:	1.35 kg/l
Solubility:	Insoluble
Partition coefficient: n-octanol/water:	None
Auto-ignition temperature:	None established
Viscosity:	Not applicable.

10. STABILITY AND REACTIVITY

Reactivity:	Stable
Chemical Stability:	No chemical instability
Conditions to Avoid:	Combustion.
Incompatible Materials:	None known
Hazardous Decompositions Products:	Combustion of this product may produce oxides of nitrogen and carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin Contact:	None expected.
Inhalation:	None expected.
Ingestion:	None expected.
Effects from short and long term exposure:	None of the components in this product are listed as a carcinogen by IARC, NTP, US OSHA, or the European directive (67/548/EEC)

12. ECOLOGICAL INFORMATION

Eco toxicity

Data from toxicity test:	No information is available
Bio-degradation:	May slowly biodegrade on the surface
Bio-accumulation:	Not expected
Other adverse effects:	None known

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all state, local, and federal regulation.

14. TRANSPORT INFORMATION

UN #:	N/A
UN Proper Shipping Name:	Cloth N.O.I
Hazard Class:	N/A
Packing Group:	N/A
Environmental Hazards:	Not considered a marine pollutant
Guidance on Transport in Bulk:	N/A
Transport labels required:	This material is not regulated by the D.O.T.

15. REGULATORY INFORMATION

This material is not a hazardous chemical as defined by the OSHA hazard communication standard, 29 CFR 1910.1200.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Health:	1
Flammability:	0
Physical Hazard:	0
Personal Protection:	E
Disclaimer:	NanoTech Materials, Inc. believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the issue date of this Safety Data Sheet (SDS). However, because the conditions of handling, use, and storage of these materials are beyond NanoTech Materials, Inc.'s control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations contained in the SDS are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state and local laws and regulations.