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MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name / Synonym: SPECTER™ Performance Concrete Fibers
Chemical Name: Polyolefin
Product Description: Plastic Fiber or Staple

SECTION II – COMPOSITION, INFORMATION ON INGREDIENTS

Components	Percent By Weight	CAS No.	***Exposure Limit***	
			TWA (8 Hour)	Short Term (15 Min.)

The composition of this material is proprietary.
This material as sold is not hazardous per 29 CFR 1910.1200 criteria.

SECTION III – HAZARDS IDENTIFICATION

Potential Health Effects:

Eye Contact:

Particulates may scratch eye surfaces/cause mechanical irritation.

Skin Contact:

Handling or manipulating this material may result in mechanical skin irritation.

Inhalation:

Dust may be irritating to eyes and respiratory tract.

Ingestion:

No hazard in normal industrial use.



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SECTION IV - FIRST AID MEASURES

First Aid Procedures:

Eye Contact:

This product is an inert solid. If in eye, remove as one would any foreign object.

Skin Contact:

Flush with large amounts of water; use soap if available.

Inhalation:

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Ingestion:

First aid is normally not required.

SECTION V - FIRE FIGHTING MEASURES

Flash Point: 570 Deg F: NOTE: Decomposes >570 degrees F
Flammability Limits: Not available
Autoignition Temperature: Not available

General Hazard

Solid material, may burn at or above the flashpoint, and airborne dust may explode if ignited.

If thermally decomposed, flammable/toxic gases may be released.

Toxic gases will form upon combustion.

Fire Fighting

Use water spray to cool fire exposed surfaces and to protect personnel.

Isolate "fuel" supply to fire.

Extinguish the fire by cooling with water spray.

Respiratory and eye protection required for fire fighting personnel.



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SECTION VI - ACCIDENTAL RELEASE

Land Spill

Recover spilled material and place in suitable containers for recycle or disposal.
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water Spill

Recover spilled material and place in suitable containers for recycle or disposal.
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION VII - HANDLING AND STORAGE

Electrostatic Accumulation Hazard:

No, but use proper grounding procedure

Storage Temperature, °F:

Ambient

Loading/Unloading Temperature, °F:

Ambient

Storage/Transport Pressure, mm Hg:

Not Applicable

Loading/Unloading Viscosity, cst:

Not Applicable

Storage and Handling:

Keep container closed. Handle and open containers with care.
Store in a cool, well ventilated place away from incompatible materials.
Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight.
This material is not a static accumulator, but use proper grounding procedures.



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SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Controls

Local exhaust ventilation of process equipment may be needed to control particulate exposures to below the recommended exposure limit. See personal protection recommendations.

Personal Protection

Where contact may occur, wear safety glasses.

Where concentrations in air may exceed the limits given in this section and engineering, workpractice, or other means of exposure reduction are not adequate. NIOSH/OSHA approved respirators may be necessary to prevent overexposure by inhalation.

Workplace Exposure Guidelines

OSHA Regulation 29CFR1910.1000 requires the following permissible exposure limits:

5 mg/m³ (respirable dust), and 15 mg/m³ (total dust) based on the OSHA PEL for nuisance dust.

The recommended permissible exposure levels indicated above reflect the levels revised by OSHA in 1989 or in subsequent regulatory activity.

Although the 1989 levels have since been vacated by the 11th Circuit Court of Appeals, Fabpro recommends that the lower exposure levels be observed as reasonable worker protection.

The ACGIH recommends the following threshold limit values:

A TWA of 10 mg/m³ (total dust) for nuisance dust.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity (Water=1): 0.91 at 60

Solubility in Water, wt. % at °F: Not soluble

Sp. Grav. Of Vapor, at 1 atm (Air=1):

Not Applicable

Evaporation Rate, n-Bu Acetate=1:

Vapor Pressure, mmHg at °F: Not Applicable

Viscosity of Liquid, CST at °F: Not Applicable

Freezing/Melting Point, °F:

Not Available

Boiling Point. °F:



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SECTION X - STABILITY AND REACTIVITY

Stability:

Stable

Hazardous Polymerization:

Will not occur

Conditions to Avoid Instability:

Do not store near flame

Materials and Conditions to Avoid Incompatibility:

Not Applicable

Hazardous Decomposition Products:

Flammable Hydrocarbons

SECTION XI - TOXICOLOGICAL INFORMATION

Reported Human Effects:

No primary dermal irritation human patch tests have been carried out with this product.

Reported Animal Effects:

No animal toxicity studies have been carried out with this product.

Carcinogenicity Information:

Not classifiable as a Human Carcinogen by ACGIH, IARC, EPA or NTP.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity:



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SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Dispose in accordance with Federal, State and local regulations. Be aware that state and local requirements may differ widely depending on location and may in many cases be different from federal rules.

When a decision is made to discard this material as supplied, it does not meet RCRA's (Resource Conservation and Recovery Act) characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

SECTION XIV - TRANSPORTATION INFORMATION

Shipping Information:

Shipments of Polybilt Performance Fiber are not regulated by the U.S. Department of Transportation (DOT). DOT identification number is not available.

SECTION XV - REGULATORY INFORMATION

U.S. Federal Regulations

OSHA:

This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).



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EPA:

TSCA:

This product is listed on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CERCLA Information (40CFR 302.4):

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III, Section 313 Information (40CFR 372):

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:

Not hazardous.

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CLEAN AIR ACT AMENDMENTS OF 1990:

This product and its packaging do not contain, nor are they manufactured with, any of the ozone-depleting substances listed in either Class I chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform) or Class II (hydrochlorofluorocarbons) of the Clean Air Act Amendments of 1990.

FDA:

This product does not have FDA approval as a food additive either direct or indirect per 21 CFR. Therefore, it is not approved for use as articles or components of articles intended for repeated contact with food.

USDA:

This product has not been evaluated by USDA for use in packaging material in direct contact with meat or poultry food products prepared under federal inspection.



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State Regulations

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
None

Massachusetts Right-to-Know, Hazardous Substance List (MSL):
None

New Jersey Right-to-Know Hazardous Substance List:
None

SECTION XVI - OTHER INFORMATION

PGI Nonwovens (FNA Polymer) Hazard Rating	Scale
Health 0	4 = Extreme
Fire 1	3 = High
Reactivity 0	2 = Moderate
Special ---	1 = Slight
	0 = Insignificant

Ratings are based on PGI guidelines, and are intended for internal use.

References Documentation: Component MSDS(s)
1997 ACGIH Guide To Occupational Exposure Values
The Book of Chemical Lists, Volume I & Volume II



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Important Notice:

All statements, technical information and recommendations set forth herein are based on information or tests which Fabpro™ Oriented Polymers Inc. believes to be reliable as of the date of this material safety data sheet. However, nothing contained in this information is to be taken as a representation, guarantee, or warranty. For Fabpro™ Oriented Polymers Inc. bears legal responsibility. Fabpro™ Oriented Polymers Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application(s).

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
PEL = Permissible Exposure Limit
TWA = Time Weighted Average
STEL = Short-Term Exposure Limit
EPA = Environmental Protection Agency
IARC = International Agency for Research on Cancer
NTP = National Toxicology Program
FDA = Food & Drug Administration
USDA = United States Department of Agriculture

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