



Safety Data Sheet

Hazard Communication Safety Data Sheets – Fusion

The Hazard Communication Standard (HCS) requires chemical manufacturers, distributors, or importers to provide Safety Data Sheets (SDSs) (formerly known as Material Safety Data Sheets or MSDSs) to communicate the hazards of hazardous chemical products.

Section 1, Identification:

Product Codes: All Fusion Synthetic Macro Fiber Blend
 Product Name/Synonyms: Fusion Synthetic Macro Fiber Blend
 Chemical Description: Polyolefin fiber

Manufacturer Address: 100 South Fabpro Way
 PO Box 517
 Kingman, KS 67068
 Telephone: 620-532-4000

Section 2, Hazard(s) identification:

Health Effects:

Eyes: None known.
 Skin: None known.
 Inhalation: N.A.
 Ingestion: N.A.

Section 3, Composition/information on ingredients:

Components	Percent by Weight	C A S No.	***Exposure Limits***	
			TWA (8 Hour)	Short Term (15 Min.)
Proprietary Polyolefin Blend		Mixture	Not Established	

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

Section 4, First-aid measures:

First Aid Procedures:

Eyes: If irritation occurs, flush eyes immediately with large amounts of water for at least 15 minutes and continue flushing until irritation subsides. If redness or irritation persists, contact a physician.
 Skin: Use good personal hygiene and wash thoroughly after handling. If redness or irritation persist, contact a physician.

Inhalation: N.A.

Ingestion: N.A.

Section 5, Fire-fighting measures:

		Flammable (Explosive) Limits (Percent by Volume)
Flash Point (Specify Method):	N.A.	Lower Explosive Limit: N.A.
Flammability Class:	N.A.	Upper Explosive Limit: N.A.
Fire Extinguishing Media:	Water, Carbon Dioxide, Dry Chemical	
Special Fire Fighting Procedures:	None	
Unusual Fire & Explosion Hazards:	None known; expected to be similar to ordinary combustible	

Section 6, Accidental release measures:

Steps to be taken in case material is released or spilled: N.A.

Section 7, Handling and storage:

Handling: None

Storage: Avoid storing near strong oxidizers.
 Avoid sources of ignition.
 Use caution when stacking to avoid unstable conditions.
 Store at temperatures below 140°F
 Store in a sprinklered warehouse.

Section 8, Exposure controls/personal protection:

Eye Protection: None required when used as intended.
 Gloves: None required when used as intended.
 Respiratory: None required.
 Ventilation: None required.
 Other: N.A.

Section 9, Physical and chemical properties:

Appearance and Odor:	Gray fiber / Whitish to translucent in color without any odor		
Odor Threshold:	N.A.	Boiling Point:	N.A.
Specific Gravity (Water=1):	N.A.	Freezing Point:	N.A.
Vapor Density (Air=1):	N.A.	pH:	N.A.
Vapor Pressure (mm of mercury):	N.A.	Solubility in Water:	N.A.
Evaporation Rate:	N.A.		

Section 10, Stability and reactivity:

General Reactivity:	Stable
Incompatibility (Materials to Avoid):	N.A.
Hazardous Decomposition Products:	Not tested; expected to be similar to ordinary combustion.
Hazardous Polymerization:	..X.. Will Not Occur Will Occur
Conditions to Avoid:	N.A.

Section 11, Toxicological information:

Reported Human Effects:

Based on human graduated patch tests on this product types, the product is characterized as one devoid of skin-damaging propensities that may be detected by the method used in the study.

Reported Animal Effects:

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

Carcinogenicity Information:

None of the components in the product at greater than 0.1% are listed by ACGIH, IARC, NTP or OSHA as a carcinogen.

Section 12, Ecological information*

Ecotoxicity:

No ecological studies have been carried out on this product.

Section 13, 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 14, Transport information*

Shipping Information:

Shipments of fibers are not regulated by the U.S. Department of Transportation (DOT). There is no identification number. No special labels are required.

Section 15, Regulatory information*

U.S. Federal Regulations

OSHA:

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

EPA:

TSCA:

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory, 8(b).

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CERCLA Information (40CFR 302.4):

Releases of this material to land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

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

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 is not registered with the FDA. 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.

State Regulations

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

Massachusetts Right-to-Know, Hazardous Substance List (MSL):
In addition to those outlined in Section II, this product contains a trace amount of silica CAS# 68855-54-9 and carbon black CAS# 1333-86-4 contributed by the additives.

New Jersey Right-to-Know Hazardous Substance List:
In addition to those outlined in Section II, this product contains a trace amount of silica CAS# 68855-54-9 and carbon black CAS# 1333-86-4 contributed by the additives.

Section 16, Other information:

Hazard Rating	Scale
Health 0	4 = Extreme
Fire 1	3 = High
Reactivity 0	2 = Moderate
Special ---	1 = Slight
	0 = Insignificant

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Ratings are based on Great Lakes Polymer Technologies guidelines, and are intended for internal use.

References Documentation: Component MSDS(s)
 2005 ACGIH Guide To Occupational Exposure Values
 The Book of Chemical Lists on CD-ROM, February 2006

Important Notice:

All statements, technical information and recommendations set forth herein are based on information or tests which Great Lakes Polymer Technologies 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 which Great Lakes Polymer Technologies bears legal responsibility. Great Lakes Polymer Technologies 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