



1515 North County Line Rd · Alto, GA 30510 · 770-869-1700

Material Safety Data Sheet

1. Product Information

PRODUCT TYPE:	Polyolefin woven, knit, or non-woven fabrics (conventional, FDA, and SEF)
TRADE NAME/END USE:	Lumite®, Earthscape®, Syntempp™, Synflex™, Agricultural, horticultural, recreational, industrial, building and filtration
COMPANY CONTACT:	Customer Service Lumite Inc. 1515 North County Line Road Alto, GA 30510 770-869-1700
This material Safety data sheet complies with 29 CFR 1910.1200 OSHA Communication Standard	

2. Composition/Information on Ingredients

MATERIAL	CAS#	CONTENTS (%WT/WT)	HAZARD DATA	
Polypropylene (or) Polyethylene	9003-07-0 9002-88-4	>92	PEL: None established*	
Minor Additives	Mixture	<8	TLV: None established**	
*PEL=OSHA Permissible Exposure Limit		**TLV=ACGIH Threshold Limit		
LISTED AS CARCINOGEN BY:	IARC: No	NTP: No	OSHA: No	ACGIH: No

3. Hazards Identification/Potential Health Effects

OVERVIEW: Based upon data available to Lumite Inc, these products are not hazardous under OSHA Hazard Communication (29 CFR 1910.1200). Grades sold for FDA applications use components that are Generally Recognized as Safe (GRAS), or comply with requirements outlined in 21 CFR 177.1520(c) 1.1; 21 CFR 178.3400(c); or 21 CFR 177.2800(d)(5).

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:	HEALTH:	0
	FLAMMABILITY:	1
	REACTIVITY:	0

ROUTES OF EXPOSURE

INHALATION:	Not likely
SKIN CONTACT:	Likely
SKIN ABSORPTION:	N/A
EYE CONTACT:	Likely
INGESTION:	Not likely

EFFECTS OF OVEREXPOSURE

ACTUTE OVEREXPOSURE: Product may contain surface-applied fiber lubricants that may cause skin to dry out. Susceptible individuals may show rash or other symptoms.

CHRONIC OVEREXPOSURE: N/A

4. First Aid Measures

EYES: As for any foreign body, use eyewash. If accompanied by pain or irritation, consult physician.

SKIN: Wash hands thoroughly after handling. In case of irritation, consult a physician.

INHALATION:

INGESTION:

NOTES TO PHYSICIAN:

5. Fire Fighting Measures

FLASH POINT: >315°C (600°F)	AUTOIGNITION TEMPERATURE: >550°C (1022°F)
FLAMMABLE LIMITS IN AIR, % BY VOLUME	LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA:	Dry chemical, CO2, Foam, Water Fog
UNUSUAL FIRE OR EXPLOSION HAZARDS:	N/A
SPECIAL FIRE FIGHTING PROCEDURES:	Material will not burn unless preheated. Overheated or molten material may burn slowly with dense smoke. Avoid inhalation of vapors.

6. Accidental Release Measures

Product is fabric made from polyolefin fibers or yarns, and the rolls may be very heavy. Use caution in the event of a spill or uneven ground. Use suitably rated lifting equipment in the event rolls need to be moved. Dispose of any damaged material in accordance with local, state, and federal regulations.

7. Handling and Storage

STORAGE: Store away from oxidizing materials in a cool, dry place. Do not store in direct sunlight.

HANDLING: No special handling required. If product is molten, avoid contact with eyes or skin.

8. Exposure Controls/Personal Protection

<u>VENTILATION REQUIREMENTS:</u>	Not required for normal use.
<u>PERSONAL PROTECTIVE EQUIPMENT:</u>	
EYE PROTECTION:	Not required unless physical contact with eyes is likely.
SKIN PROTECTION:	Not normally required. Individuals exhibiting exposure symptoms (see Section 3) may wear suitable gloves that prevent contact.
RESPIRATORY PROTECTION:	Not required.
OTHER REQUIRED EQUIPMENT:	Standard work clothing and shoes.

9. Physical and Chemical Properties

PHYSICAL FORM	Woven, non-woven, or knit fabric wound onto cardboard core
APPEARANCE	May be white, natural, or color pigmented
ODOR	Essentially odorless
pH	N/A
MELTING POINT	328°F (164°C)
SOLUBILITY IN WATER	Insoluble
SPECIFIC GRAVITY	0.905
VAPOR DENSITY	N/A
BOILING POINT	N/A
% SOLIDS	~100%

10. Stability and Reactivity

STABLE <input checked="" type="checkbox"/>	UNSTABLE <input type="checkbox"/>
CONDITIONS TO AVOID:	Store indoors away from direct sunlight, and away from sparks or flame.
INCOMPATIBLE MATERIALS:	Strong oxidizing agents
HAZARDOUS POLYMERIZATION:	Will Occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide, Carbon Dioxide, Smoke, and Soot

11. Transport Information

DOT CLASSIFICATION: Non-hazardous

12. Regulatory Information

<p>This product contains no ingredients subject to reporting under SARA 313 (40 CFR Part 372).</p> <p>This product may contain ingredients in the fiber lubricant package that are listed under SARA Section 311/312: Acute Health Hazard. However, at levels under 1% of the product weight, it is not anticipated that a 'Reportable Quantity' threshold will be reached with typical fabric inventories.</p>

The information contained herein is based on the data available to us and is believed to be correct. However, Lumite Inc. makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Lumite Inc. assumes no responsibility for the use of the product described herein.