

MATERIAL SAFETY DATA SHEET

**WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)**

PAGE: 1 of 7
DATE PREPARED: 16-JUL-2015
MSDS NO: AL-1

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)

CHEMICAL NAME:
Polypropylene, Polyester

CHEMICAL FAMILY:
Blend of materials; primarily polypropylene

PRODUCT DESCRIPTION:
Black woven polypropylene fabric, needled with polyester/polypropylene fiber.

EMERGENCY TELEPHONE NUMBERS:
Thrace-LINQ, Inc. (843) 873-5800
CHEMTREC (800) 424-9300

SECTION 2 HAZARDOUS INGREDIENT INFORMATION

HMIS RATING		NFPA RATING	
Health	0	Health	0
Flammability	1	Fire	1
Physical Hazard	0	Reactivity	0
		Special Hazards	

This product is not a health hazard according to the OSHA Hazard Communication Standard 29 CFR 1910.1200. No hazard anticipated under conditions of foreseeable use or exposure.

PIGMENTS: NOT APPLICABLE
VEHICLE: NOT APPLICABLE
ADDITIVES: NOT APPLICABLE

IMPORTANT NOTE:
PIGMENTS, VEHICLES, AND ADDITIVES ARE FULLY ENCAPSULATED IN RESIN AND ARE NOT EXPECTED TO CAUSE ANY HAZARDOUS CONDITIONS WHEN PROCESSED IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICES.

MATERIAL SAFETY DATA SHEET

WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)

PAGE: 2 of 7
DATE PREPARED: 16-JUL-2015
MSDS NO: AL-1

SECTION 3 HEALTH INFORMATION AND PROTECTION

NATURE OF HAZARD

EYE CONTACT:

Particulates may scratch eye surfaces/cause mechanical irritation

SKIN CONTACT:

No hazard in normal industrial use.

INHALATION:

No hazard in normal industrial use.

INGESTION:

No hazard in normal industrial use.

FIRST AID

EYE CONTACT:

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

SKIN CONTACT:

Wash with soap and water. If irritation persists, contact physician.

INHALATION:

In case of adverse reaction, immediately remove the affected victim from exposure to fresh air. If adverse conditions persist, contact physician.

INGESTION:

First aid is normally not required.

WORKPLACE EXPOSURE LIMITS

No workplace exposure limits have been established for this product.

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, Thrace-LINQ Industrial Fabrics 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.

MATERIAL SAFETY DATA SHEET

**WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)**

PAGE: 3 of 7
DATE PREPARED: 16-JUL-2015
MSDS NO: AL-1

PRECAUTIONS

PERSONAL PROTECTION

Not required in normal industrial use. Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

VENTILATION

Local ventilation may be required to control dust.

PHYSICAL HAZARDS

The polymer will burn if exposed to flame. Decomposition products generated from molten polymer may be subject to auto-ignition. Primary combustion products will be comprised of carbon, hydrogen and oxygen. Small amounts of sulfur containing compounds are also expected. The exact composition will depend on the conditions of combustion.

HEALTH HAZARDS

Similar products have given no indication that health problems would occur in normal handling and use.

SAFE HANDLING PROCEDURES

Personal hygiene measures, such as washing the hands and face immediately after working with such fibers are recommended.

SECTION 4 FIRE & EXPLOSION HAZARD

POLYPROPYLENE:

FLASHPOINT: >650°F (>343°C)

FLAMMABLE LIMITS: NOTE: Not Applicable

AUTOIGNITION TEMPERATURE: NOTE: >650°F (>343°C)

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 from fire. Extinguish the fire by cooling with water spray. Respiratory and eye protection required for fire fighting personnel.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Carbon monoxide and irritating smoke under oxygen lean conditions

MATERIAL SAFETY DATA SHEET

**WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)**

PAGE: 4 of 7
DATE PREPARED: 16-JUL-2015
MSDS NO: AL-1

POLYESTER:

Carrierless dyeable polyester is chemically stable and resistant to attack by oils, solvents, and weak alkalis. The polymer melts at about 480 degrees F (249 degrees C).

SECTION 5 SPILL CONTROL PROCEDURE

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.

MATERIAL SAFETY DATA SHEET

WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)

PAGE: 5 of 7
DATE PREPARED: 16-JUL-2015
MSDS NO: AL-1

SECTION 6 NOTES

No notes applicable.

SECTION 7 REGULATORY INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT):

DOT HAZARD CLASS: Not Regulated

DOT IDENTIFICATION NUMBER: Not Available

FLASHPOINT: >650°F (>343°C)

TOXIC SUBSTANCES CONTROL ACT (TSCA):

This product contains the following chemicals subject to the reporting requirements of the Toxic Substances Control Act (TSCA):

None

CERCLA:

Under the Comprehensive Response, Compensation, and Liability Act, (CERCLA), certain releases to air, land, or water may be reportable to the National Response Center at 800-424-8802. Circumstances surrounding the release and cleanup, determine reportability. This product is not subject to CERCLA reporting requirements.

SARA TITLE III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act (40CFR 372), this product is classified into the following hazard categories:

Not Hazardous.

This product contains the following chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and the Community Right-to-Know Act of 1986, also known as Title III of SARA (Superfund and Reclamation Act) and of 40 CFR 372.

NONE

This information must be included in all MSDSs that are copied and distributed with this material.

MATERIAL SAFETY DATA SHEET

WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)

PAGE: 6 of 7
DATE PREPARED: 16-JUL-2015
MSDS NO: AL-1

OZONE DEPLETING SUBSTANCES

This product is not formulated with nor does the process utilize any known Class I or Class II Ozone Depleting Substances regulated by the EPA Clean Air Act (40CFR Part 82)

SECTION 8 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

SP. GRAVITY: g/cm³
0.91

VAPOR PRESSURE, mmHg at °F:
Not Applicable

SOLUBILITY IN WATER, WT. % AT °F:
Negligible, below 1%

VISCOSITY OF LIQUID, cST at °F:
Not Applicable

SP. GRAVITY OF VAPOR, at 1 ATM AIR=1:
Not Applicable

FREEZING/MELTING POINT, °F:
Varies by grade/ >320°F

EVAPORATION RATE, n-BU ACETATE=1:
Not Applicable

BOILING POINT, °F:
Not Applicable

APPEARANCE

Textured and soft fibers

SECTION 9 REACTIVITY DATA

GENERAL STABILITY CONSIDERATIONS:

Stable at recommended handling and storage conditions.

INCOMPATIBLE MATERIALS:

Incompatible with: strong acids, bases, and oxidizing materials

CONDITIONS TO AVOID:

Excessive heat should be avoided. Small quantities of fumes are produced at about 435 °F (225 °C). These fumes gradually increase until at above 572 °F (300 °C) decomposition (thermal degradation and oxidative pyrolysis) takes place. Above 572 °F, combustion may occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, acetic acid, carbon dioxide, hydrocarbons, aldehydes, ketones, acrolein and fatty acids may be formed during decomposition or burning.

HAZARDOUS POLYMERIZATION:

Will not occur under normal or recommended handling and storage conditions.

MATERIAL SAFETY DATA SHEET

WOVEN POLYPROPYLENE FABRIC
(LANDSCAPE, AL SERIES)

PAGE: 7 of 7
DATE PREPARED: 16-JUL-2015
MSDS NO: AL-1

SECTION 10 ECOLOGICAL INFORMATION

ECOTOXICITY:

The fibers are not associated with any ecological problems.

The fibers are not biodegradable.

SECTION 11 TRANSPORT AND STORAGE

U.S. DOT CLASSIFICATION:

Not Regulated

STORAGE TEMPERATURE, °F:

Ambient

LOADING/UNLOADING TEMPERATURE, °F

Ambient

STORAGE/TRANSPORT PRESSURE, mmHg:

Atmospheric

VISCOSITY AT LOADING/UNLOADING TEMPERATURE,

Not Applicable

SECTION 12 OTHER INFORMATION

None

REVISION SUMMARY:

Since October 2001, this MSDS has been revised in Section(s): 2, 4, 7, 8, 9. Added section 10

REFERENCE NUMBER:

MSDS-EX-1

DATE PREPARED:

16-JULY-2015

SUPERSEDES ISSUE DATE:

27-NOV-2012

**HAZARDOUS DATA CONTAINED HEREIN WAS OBTAINED FROM RAW MATERIAL SUPPLIERS
FOR ADDITIONAL PRODUCT INFORMATION CONTACT YOUR TECHNICAL SALES REPRESENTATIVE
FOR ADDITIONAL HEALTH/SAFETY INFORMATION CALL (843) 873-5800**

THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE. WE DO NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION NOR DO WE OFFER WARRANTY AGAINST PATENT INFRINGEMENT.