

**Treated Polyester Tire Cord****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME** Treated Polyester Tire Cord  
**OTHER/GENERIC NAMES:** Dipped and Processed Polyester Tire Cord Fabric

Material is defined as an article under the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
This MSDS is being provided as a customer service of Performance Fibers Inc.

**MANUFACTURER:** Performance Fibers, Inc.  
Scottsboro Facility  
7526 Roy Owens Blvd  
Scottsboro, AL 37569

**FOR MORE INFORMATION CALL:**  
(Monday-Friday, 8:00 a.m.– 5:00 p.m.)  
Product Stewardship - 704-636-6000 X-4375

**IN CASE OF EMERGENCY CALL:**  
(24 Hours/Day, 7 Days/Week)  
919-542-2200

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Polyethylene Terephthalate	25038-59-9	95	NE	NE
Proprietary Latex Coating	Mixture	5	NE	NE

NE= not established

**3. HAZARDS IDENTIFICATION**

**Material is an article not hazardous under conditions of normal use.**

**ACUTE HEALTH HAZARDS**

**SKIN:** Not a hazard under normal use. Contact with hot fabric will cause a thermal burn. Treatment is in First Aid section below.  
**EYES:** Product is an inert solid. May be irritating if particles of product contact the eye.  
**INHALATION:** Not likely to occur.  
**INGESTION:** Not likely to occur. Material is an inert solid and should pass through the digestive tract. If large quantity is ingested, blockage may occur. Seek medical attention if blockage is suspected.  
**CHRONIC HEALTH EFFECTS:** None known.

**Medical Condition Aggravated by Overexposure:** NONE

**Carcinogenicity/Mutagenicity/Teratogenicity:**

<b>NTP</b>	<b>IARC</b>	<b>OSHA</b>
<b>NO</b>	<b>NO</b>	<b>NO</b>

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### 4. FIRST AID MEASURES

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<b>SKIN:</b>	If contact with hot material, treat as for a thermal burn.
<b>EYES:</b>	Treat as solid. Remove as any foreign object.
<b>INHALATION:</b>	If exposed to burning material, remove from exposure, support respiration, seek medical attention
<b>INGESTION:</b>	If blockage is suspected, seek medical attention.
<b>ADVICE TO PHYSICIAN:</b>	No specific advice. Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

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#### FLAMMABLE PROPERTIES

<b>FLASH POINT:</b>	Not applicable
<b>FLASH POINT METHOD:</b>	Not determined
<b>AUTOIGNITION TEMPERATURE:</b>	Not determined
<b>UPPER FLAME LIMIT (volume % in air):</b>	Not applicable
<b>LOWER FLAME LIMIT (volume % in air):</b>	Not applicable
<b>FLAME PROPAGATION RATE (solids):</b>	Not determined
<b>OSHA FLAMMABILITY CLASS:</b>	Not applicable

#### **EXTINGUISHING MEDIA:**

Water spray, foam, CO<sub>2</sub> or dry chemical

#### **HAZARDOUS COMBUSTION PRODUCTS:**

Acrid smoke and irritating fumes, CO, CO<sub>2</sub> low molecular weight organic compounds (under certain conditions)

#### **UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Material does not present an explosion hazard. Combustion will release large quantities of dense smoke and heat. Smoke is acrid and irritating. SCBA is required when fighting such a fire.

#### **SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:**

If fire is well under way, it may be difficult to extinguish. Use foam or water spray for large fires. Always use SCBA.

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### 6. ACCIDENTAL RELEASE MEASURES

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#### **IN CASES OF SPILL OR OTHER RELEASE:**

No special procedures required.

#### **WASTE DISPOSAL:**

Dispose of product in approved landfill or incinerate.

**Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.**

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**7. HANDLING AND STORAGE**

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**NORMAL HANDLING:** (Always wear recommended personal protective equipment.)

**STORAGE RECOMMENDATIONS:**

Store in dry area. Keep away from heat sources.

Accumulation of fiber dust and fly may present a fire hazard if concentrations are high enough. Remove ignition sources. Keep the effects of electrostatic charge in mind.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:**

Avoid exposure to fiber fly, dust, and decomposition products of the dip by providing adequate ventilation according to good practices established by textile industry.

**PERSONAL PROTECTIVE EQUIPMENT**

**SKIN PROTECTION:**

Not applicable

**EYE PROTECTION:**

Not applicable

**RESPIRATORY PROTECTION:**

None normally required. An approved dust respirator meeting 42 CFR Part 84 standards should be worn if dusty conditions exist.

**ADDITIONAL RECOMMENDATIONS:**

None required.

**EXPOSURE GUIDELINES** (Guidelines exist for the following ingredients.)

**INGREDIENT NAME**

**ACGIH TLV**

**OSHA PEL**

**OTHER LIMIT**

\* No ingredients listed in this section \*

\* = Limit established by Performance Fibers, Inc.

\*\* = Workplace Environmental Exposure Level (AIHA).

\*\*\* = Biological Exposure Index (ACGIH).

**OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:**

Not applicable

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>APPEARANCE:</b>	Brown colored cord in a three foot diameter roll, 4.5 feet long; Odorless
<b>PHYSICAL STATE:</b>	Not applicable
<b>MOLECULAR WEIGHT:</b>	Not applicable
<b>CHEMICAL FORMULA:</b>	Not applicable
<b>ODOR:</b>	Not applicable
<b>SPECIFIC GRAVITY (water = 1.0):</b>	1.34 - 1.40
<b>SOLUBILITY IN WATER (weight %):</b>	Negligible
<b>pH:</b>	Not applicable
<b>BOILING POINT:</b>	Not applicable
<b>MELTING POINT:</b>	250-260 °C
<b>VAPOR PRESSURE:</b>	Not applicable
<b>VAPOR DENSITY (air = 1.0):</b>	Not applicable
<b>EVAPORATION RATE:</b>	Not applicable
<b>% VOLATILES:</b>	Not applicable
<b>FLASH POINT:</b>	Not determined

**COMPARED TO:** Not applicable

(Flash point method and additional flammability data are found in Section 5.)

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**10. STABILITY AND REACTIVITY**

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**NORMALLY STABLE? (CONDITIONS TO AVOID):**

Normally stable.

**INCOMPATIBILITIES:**

Avoid contact with strong oxidizing agents, bases or acids, and temperatures above 440°F.

**HAZARDOUS DECOMPOSITION PRODUCTS:**None under normal storage conditions. CO, CO<sub>2</sub>, oxides of nitrogen and other compounds from the incomplete combustion of an organic polymeric compound.**HAZARDOUS POLYMERIZATION:**

Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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**IMMEDIATE (ACUTE) EFFECTS:**

Not applicable

**DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:**

Not applicable

**OTHER DATA:**

This product itself is not toxic. There is no evidence of risks to the health of employees as long as the fiber material is processed and handled properly.

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**12. ECOLOGICAL INFORMATION**

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The fiber product is not hazardous to the environment.

If water is used in further processing, the waste water is to be treated in a treatment facility in accordance with local regulations.

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**13. DISPOSAL CONSIDERATIONS**

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**RCRA**

**Is the unused product a RCRA hazardous waste if discarded?** No  
**If yes, the RCRA ID number is:** Not applicable

**OTHER DISPOSAL CONSIDERATIONS:** Waste disposal must comply with Performance Fibers policy and all local, state and federal regulations.

The information offered here is for the product as shipped. Use and/or alterations to the product, such as mixing with other materials, may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

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**14. TRANSPORT INFORMATION**

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<b>US DOT PROPER SHIPPING NAME:</b>	Not Applicable	<b>RID/ADR/AND:</b>	Not classified
<b>US DOT HAZARD CLASS:</b>	Not regulated	<b>UN Classification:</b>	Not classified
<b>US DOT ID NUMBER:</b>	Not applicable		
<b>IATA:</b>	Not regulated		
<b>IMDG</b>	Not regulated		

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

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**15. REGULATORY INFORMATION**

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**TOXIC SUBSTANCES CONTROL ACT (TSCA)**

**TSCA INVENTORY STATUS:** All ingredients in this mixture are listed on the TSCA Inventory list.  
**OTHER TSCA ISSUES:** None

**SARA TITLE III/CERCLA**

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients.

<b><u>INGREDIENT NAME</u></b>	<b><u>SARA/CERCLA RQ (lb.)</u></b>	<b><u>SARA EHS TPQ (lb.)</u></b>
No ingredients listed in this section.		

**Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.**

**Treated Polyester Tire Cord****SECTION 311 HAZARD CLASS:** None**SARA 313 TOXIC CHEMICALS:**

The following ingredients are SARA 313 "Toxic Chemicals." CAS numbers and weight percents are found in Section 2.

**INGREDIENT NAME****COMMENT**

No ingredients listed in this section.

**STATE RIGHT-TO-KNOW**

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

**INGREDIENT NAME****WEIGHT % COMMENT**

No ingredients listed in this section.

**ADDITIONAL REGULATORY INFORMATION:**

None.

**WHMIS CLASSIFICATION (CANADA):**

Not applicable

**FOREIGN INVENTORY STATUS:**

**Australia (AICS):** Not Determined  
**Canada (DSL):** Not Determined  
**China (IECSC):** Not Determined  
**Philippines (PICCS):** Not Determined  
**EU (EINECS/ELINCS/NLPL):** Not Determined

**Japan (ENCS):** Not Determined  
**Korea (KECI)** Not Determined  
**New Zealand** Not Determined  
Not Determined

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**16. OTHER INFORMATION**

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**OTHER INFORMATION:** Disclaimer**CURRENT ISSUE DATE:** March 2009**PREVIOUS ISSUE DATE:** December 2007**CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING:**

Disclaimer added and Product Safety Department telephone number changed

OTHER INFORMATION: Disclaimer

"The information in this Material Safety Data Sheet relates only to the specific material designated and may not apply where such material is used in combination with any other material or in any process. This information is to the best of our knowledge based on accurate and reliable information, but may be subject to revision as new information becomes available. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. Each user is responsible for satisfying itself as to the suitability of such information for its own particular use; therefore additional safety precautions may be required."