



**Du Pont Material Safety Data Sheet**

**FIRE AND EXPLOSION DATA**

Flash Point: 330-365 deg. C. for parent polymer--coatings may decrease slightly.  
Autoignition Temperature: 625 - 660 deg. F (330 - 350 deg.C)

**FIRE AND EXPLOSION HAZARDS**

Hazardous gases/vapors produced in fire are CO, CO2, acrolein, other aldehydes, flammable hydrocarbons, sooty smoke and water.

This product is combustible but barely supports combustion.

**EXTINGUISHING MEDIA**

Water. Water Fog. "Alcohol" Foam. Dry Chemical. CO2.

**SPECIAL FIRE FIGHTING INSTRUCTIONS**

Wear self-contained breathing apparatus.

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**HEALTH HAZARD INFORMATION**

Polyethylene may be categorized as essentially non-toxic and the added coating would be very low in toxicity in the finished product. The nature of the product makes either ingestion or inhalation highly improbable. Eye contact will produce a mechanical irritation like any foreign object.

Skin contact would be non-hazardous.

**Carcinogenicity**

None of the components in this chemical is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

**Exposure Limits for TYVEK® QC**

TLV \*\* (ACGIH) : None Established  
PEL (OSHA) : None Established

**Other Applicable Exposure Limits:**

**Exposure Limits for High Density Polyethylene Fiber**

AEL \* (DUPONT) : 10 mg/m<sup>3</sup> - 8 HR. TWA, Total Dust  
5 mg/m<sup>3</sup> - 8 HR. TWA, Respirable Dust  
TLV \*\* (ACGIH) : None Established  
PEL (OSHA) : None Established

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**(HEALTH HAZARD INFORMATION - CONTINUED)**

- \* AEL is DuPont's Acceptable Exposure Limit.
- \*\* TLV is a registered trademark.

**Safety Precautions**

Avoid contact with eyes.

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**FIRST AID**

**EYECONTACT**

Mechanical irritation - remove particle. Seek medical help if irritation persists.

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**PROTECTION INFORMATION**

**Generally Applicable Control Measures and Procedures**

Keep away from heat, sparks and flames. Do not mix with strong oxidizing agents and strong acids.

Styles with B or C suffix do not contain an antistatic agent. These styles can build up a static charge and should not be unwrapped or handled in areas where potential for flammable or explosive vapor/air mixtures exist.

Tyvek® has a low coefficient of friction and care should be used when moving rolls.

**Personal Protective Equipment**

- Eye/Face : Safety glasses with side shields.
- Respirator : None normally needed
- Protective Gloves : Leather or cloth gloves as needed to handle rolls or sheets.

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**DISPOSAL INFORMATION**

Aquatic Toxicity :  
Non-Toxic - insoluble

**Spill, Leak, or Release**

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Recover undamaged and minimally contaminated material for reuse or reclamation.

Material which is too contaminated for use should be containerized for disposal.

**Waste Disposal**

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**(DISPOSAL INFORMATION - CONTINUED)**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Disposal off plant by incineration or landfill in compliance with local, state and federal regulations.

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**STORAGE CONDITIONS**

Do not store with strong oxidizing acids.  
Protect product from damage during shipment and storage.  
Keep away from excessive heat and flames. Protect from exhaust gases from internal combustion engines; prolonged exposure will cause yellowing of outer wrap and edges.  
Do not stack rolls more than 4 high.  
Read Applicable Control Measures and Procedures section.

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**ADDITIONAL INFORMATION AND REFERENCES**

Textile Fibers MSDS SP0304  
Textile Fibers MSDS SP2349  
SAX 6th Edition Page: 2254  
Merck Index 10th Edition Page: 1092, #7440  
Textile Fibers MSDS's  
TF MSDS 4/24/89  
Corporate MSDS 3/89  
Corporate MSDS Computer, Exposure Limits Table

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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.

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Responsibility for MSDS: Spruance Site Occupational Health Coordinator  
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