

## DuPont™ Tyvek® Spunbond Polyethylene

Version 2.2

Revision Date 04/21/2009

Ref. 150000002811

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ Tyvek® Spunbond Polyethylene  
 Tradename/Synonym : formerly MSDS SP6013

MSDS Number : 150000002811  
 Manufacturer : DuPont  
 1007 Market Street  
 Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)  
 Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)  
 Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

Other information : OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Material Safety Data Sheets do not apply to this product. This product is excluded as an article. Information on potential hazards associated with product fabrication and/or installation are discussed in this datasheet.

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

This product has no known adverse effect on human health. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. Dust may form explosive mixture in air.

#### Potential Health Effects

##### Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Nonwoven Fabric		100 %

Includes percentages of the following:

Polyethylene	9002-88-4	
Additives		

### SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

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**SECTION 5. FIRE-FIGHTING MEASURES**

Flammable Properties

Flash point : not applicable

Autoignition temperature : 330 - 350 °C (626 - 662 °F)

Thermal decomposition : > 200 °C (> 392 °F)

Fire and Explosion Hazard : Burning is accompanied by melting and dripping which may cause the fire to spread.

Fire and Explosion Hazard : Hazardous combustion products Carbon monoxide Carbon dioxide (CO2)

Firefighting Instructions : Wear self-contained breathing apparatus and protective suit. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Cleanup : not applicable

**SECTION 7. HANDLING AND STORAGE**

Handling (Personnel) : Material can create slippery conditions. Take precautionary measures against static discharges. Minimize the generation and accumulation of dust.

Storage : No special storage conditions required.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Personal protective equipment

Respiratory protection : Respiratory protection should not be required for normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Exposure Guidelines

Exposure Limit Values

Polyethylene

PEL	(OSHA)	5 mg/m3	8 hr. TWA	Respirable fraction.
PEL	(OSHA)	15 mg/m3	8 hr. TWA	Total dust.
TLV	(ACGIH)	3 mg/m3	8 hr. TWA	Respirable particles.
TLV	(ACGIH)	10 mg/m3	8 hr. TWA	Inhalable particles.

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AEL *	(DUPONT)	5 mg/m3	8 & 12 hr. TWA	Respirable dust.
AEL *	(DUPONT)	10 mg/m3	8 & 12 hr. TWA	Total dust

\* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	:	sheets
Color	:	white
Odor	:	none
Melting point/range	:	135 °C (275 °F)

**SECTION 10. STABILITY AND REACTIVITY**

Hazardous decomposition products : , Carbon monoxide , Carbon dioxide

**SECTION 11. TOXICOLOGICAL INFORMATION**

Polyethylene		
Oral LD50	:	7,950 mg/kg, rat
Skin irritation	:	non-irritant
Eye irritation	:	non-irritant
Skin sensitization	:	Not a skin sensitizer.
Further information	:	The substance is a polymer and is not expected to produce toxic effects.

**SECTION 12. ECOLOGICAL INFORMATION**

Aquatic Toxicity Polyethylene	:	The substance is a polymer and is not expected to produce toxic effects.
Additional ecological information	:	This product has no known eco-toxicological effects.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste Disposal : Where possible recycling is preferred to disposal or incineration.

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**SECTION 14. TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulations.

**SECTION 15. REGULATORY INFORMATION**

- |                                |   |   |
|--------------------------------|---|---|
| SARA 313 Regulated Chemical(s) | : | SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
| California Prop. 65            | : | Chemicals known to State of California to cause cancer, birth defects or any other harm: none known   |

**SECTION 16. OTHER INFORMATION**

- |                      |   |  |
|----------------------|---|--|
| Restrictions for use | : | Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3. |
| Contact person       | : | MSDS Coordinator, 1007 Market St. Wilmington, DE 19898, Phone: 302-773-0904 (for MSDS information)/302-999-2778 (for technical information)  |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Significant change from previous version is denoted with a double bar.

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