



**DuPont™ Spunlaced Nonwoven Fabric**

Version 2.0

Revision Date 05/05/2009

Ref. 15000002813

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™ Spunlaced Nonwoven Fabric  
 Product Grade/Type : 80XX, 81XX, 90XX, 91XX, 84XX, 94XX, 86XX, 96XX, 88XX, 99XX, A9XXX, A8XXX, C0XX, C8XX, C9XX, F0XX, F1XX, F2XX, F8XX, F9XX, K8XX, K9XX  
 Tradename/Synonym : Sontara® Spunlaced Nonwoven Fabric  
 Softesse® Spunlaced Nowoven Fabirc  
 MSDS Number : 15000002813  
 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

Material	IARC	NTP	OSHA
Titanium dioxide	2B		

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No.	Concentration
Nonwoven Fabric		100 %

Includes percentages of the following:

Polyethylene terephthalate	25038-59-9	
Cellulose Regenerated	68442-85-3	


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Cellulose, Chemical Pulp	65996-61-4	
Polypropylene	9003-07-0	
Polyethylene	9002-88-4	
Polyethylene terephthalate copolymer	24938-04-3	
Titanium dioxide	13463-67-7	

**SECTION 4. FIRST AID MEASURES**

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

**SECTION 5. FIRE-FIGHTING MEASURES**
**Flammable Properties**

Flash point : not applicable

Lower explosion limit : not applicable

Upper explosion limit : not applicable

Fire and Explosion Hazard : Dust may form explosive mixture in air. Hazard combustion products may include and are not limited to carbon monoxide and carbon dioxide. Combustion of the finish applied to some fabrics may produce small quantities of hydrogen fluoride and low molecular weight fluorochemicals.

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Firefighting Instructions : Wear self-contained breathing apparatus and protective suit.

**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) : Exposure to fibre fly, dust and decomposition products of spinfinishes should be avoided by ventilation and/or vacuum cleaning. Minimize the generation



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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 terephthalate

AEL *	(DUPONT)	10 mg/m <sup>3</sup>	8 hr. TWA	Total dust.
AEL *	(DUPONT)	5 mg/m <sup>3</sup>	8 hr. TWA	Respirable dust.

##### Polypropylene

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

##### Polyethylene

PEL	(OSHA)	5 mg/m <sup>3</sup>	8 hr. TWA	Respirable fraction.
PEL	(OSHA)	15 mg/m <sup>3</sup>	8 hr. TWA	Total dust.
TLV	(ACGIH)	3 mg/m <sup>3</sup>	8 hr. TWA	Respirable particles.
TLV	(ACGIH)	10 mg/m <sup>3</sup>	8 hr. TWA	Inhalable particles.
AEL *	(DUPONT)	5 mg/m <sup>3</sup>	8 & 12 hr. TWA	Respirable dust.
AEL *	(DUPONT)	10 mg/m <sup>3</sup>	8 & 12 hr. TWA	Total dust

##### Titanium dioxide

PEL	(OSHA)	15 mg/m <sup>3</sup>	8 hr. TWA	Total dust.
TLV	(ACGIH)	10 mg/m <sup>3</sup>	TWA	
AEL *	(DUPONT)	10 mg/m <sup>3</sup>	8 & 12 hr. TWA	Total dust.
AEL *	(DUPONT)	5 mg/m <sup>3</sup>	8 & 12 hr. TWA	Respirable 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, roll
Color	: various
Odor	: none
Water solubility	: insoluble

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**SECTION 10. STABILITY AND REACTIVITY**

Hazardous decomposition products : Incompletely burned carbon products , Carbon monoxide , Carbon dioxide  
Combustion of the finish applied to some fabrics may produce small quantities of hydrogen fluoride and low molecular weight fluorochemicals.

**SECTION 11. TOXICOLOGICAL INFORMATION**

DuPont™ Spunlaced Nonwoven Fabric  
Further information : This product has no known adverse effect on human health.

**SECTION 12. ECOLOGICAL INFORMATION**

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. Dispose of in accordance with local regulations.

**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

PA Right to Know Regulated Chemical(s) : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium dioxide

NJ Right to Know Regulated Chemical(s) : Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Titanium dioxide



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**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.

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Contact person : MSDS Coordinator, 1007 Market St. Wilmington, DE 19898, Phone: 302-773-0904 (for MSDS information)/302-999-2778 (for technical information)

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