Material Safety Data Sheet

**DuPont™ Spunlaced Nonwoven Fabric**

Version 2.0
Revision Date 05/05/2009 Ref. 150000002813

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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 : 150000002813
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
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/m³ 8 hr. TWA Total dust.  
AEL *(DUPONT) 5 mg/m³ 8 hr. TWA Respirable dust.  
Polypropylene  
PEL (OSHA) 5 mg/m³ 8 hr. TWA Respirable fraction.  
PEL (OSHA) 15 mg/m³ 8 hr. TWA Total dust.  
TLV (ACGIH) 10 mg/m³ 8 hr. TWA Inhalable particles.  
TLV (ACGIH) 3 mg/m³ 8 hr. TWA Respirable particles.  
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.  
AEL *(DUPONT) 5 mg/m³ 8 & 12 hr. TWA Respirable dust.  
AEL *(DUPONT) 10 mg/m³ 8 & 12 hr. TWA Total dust  
Titanium dioxide
PEL (OSHA) 15 mg/m³ 8 hr. TWA Total dust.
TLV (ACGIH) 10 mg/m³ TWA
AEL *(DUPONT)* 10 mg/m³ 8 & 12 hr. TWA Total dust.
AEL *(DUPONT)* 5 mg/m³ 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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