

**Safety Data Sheet**

Sontara® Nonwoven Fabric

Version 3.0

Revision Date 04/20/05

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 : Sontara® 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, L3XX, LPXX, LLXX

Tradename/Synonym : Sontara® Spunlaced Nonwoven Fabric  
 Softesse® Spunlaced Nowoven Fabric

MSDS Number : 150000002813  
 Manufacturer : Sontara® Old Hickory, Inc.  
 326 Swinging Bridge Rd.  
 Old Hickory, TN 37138

Product Information : 1-888-476-6827  
 Medical Emergency : 1-615-210-7656  
 Transport Emergency : 1-615-210-7656

Other information : OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for 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 fiber fly, dust, and decomposition products of spin finishes should be avoided by ventilation and/or vacuum cleaning. Minimize the generation and accumulation of dust.

Storage : No special storage conditions required.

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

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

Exposure Guidelines

Exposure Limit Values

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.

Titanium dioxide

PEL	(OSHA)	15 mg/m3	8 hr. TWA	Total dust
TLV	(ACGIH)	10 mg/m3	TWA	

**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**

Sontara® Nonwoven Fabric : This product has no known adverse effect on human health.  
Further Information

**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 Chemicals : Substances on the New Jersey Workplace Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium Dioxide

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**SECTION 16. OTHER INFORMATION**

Restrictions for use

Do not use Sontara® 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 Sontara® under a written contract that is consistent with Sontara® policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your Sontara® representative.

Sontara® Softesse® are trademarks of Sontara®.

Contact Person : MSDS Coordinator, 326 Swinging Bridge Rd., Old Hickory, TN 37138

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 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.

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