



MATERIAL SAFETY DATA SHEET
Material Name: LUTRADUR Nonwoven Material

***** Section 1 - Chemical Product and Company Identification *****

Manufacturer Information

Freudenberg Nonwovens
 3500 Industrial Drive
 PO Box 15910
 Durham, NC 27704
 Phone: 919-471-7226

***** Section 2 - Hazards Identification *****

Emergency Overview

No significant hazards.

Potential Health Effects: Eyes

No health effect via this route of entry expected under anticipated use conditions.

Potential Health Effects: Skin

No health effect via this route of entry expected under anticipated use conditions.

Potential Health Effects: Ingestion

No health effect via this route of entry expected under anticipated use conditions.

Potential Health Effects: Inhalation

No health effect via this route of entry expected under anticipated use conditions.

HMIS Ratings: Health: 0 Fire: 0 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

***** Section 3 - Composition / Information on Ingredients *****

CAS #	Component	Percent
25038-59-9	Polyester	78-100
Not Available	Nonhazardous Components	1.78-1.98
Trade Secret	Trade Secret Lubricant	0-0.75

***** Section 4 - First Aid Measures *****

First Aid: Eyes

None required

First Aid: Skin

None required

First Aid: Ingestion

None required

First Aid: Inhalation

None required

***** Section 5 - Fire Fighting Measures *****

General Fire Hazards

See Section 9 for Flammability Properties.

None

Hazardous Combustion Products

Not Determined

Extinguishing Media

Use appropriate extinguishing media for surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

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NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** * * Section 6 - Accidental Release Measures * * ***

Personal Precautions

No special precautions necessary.

Containment Procedures

Clean-Up Procedures

No special clean-up procedures necessary.

Evacuation Procedures

None

Special Procedures

Not Applicable

*** * * Section 7 - Handling and Storage * * ***

Handling Procedures

No special handling procedures necessary.

Storage Procedures

No special storage procedures necessary.

*** * * Section 8 - Exposure Controls / Personal Protection * * ***

A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Ventilation is not normally required.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

None Required

Personal Protective Equipment: Skin

None Required

Personal Protective Equipment: Respiratory

None Required

Personal Protective Equipment: General

None Required

*** * * Section 9 - Physical & Chemical Properties * * ***

Appearance: White, Grey, Black, or Green fabric

Odor: Little or none

Physical State: Solid

pH: NA

Vapor Pressure: NA

Vapor Density: NA

Boiling Point: ND

Melting Point: ND

Solubility (H₂O): ND

Specific Gravity: 1.37

Evaporation Rate: NA

VOC: NA

Octanol/H₂O Coeff.: NA

Flash Point: NA

Flash Point Method: NA

Upper Flammability Limit (UFL): NA

Lower Flammability Limit (LFL): NA

Burning Rate: NA

Auto Ignition: NA

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***** Section 10 - Chemical Stability & Reactivity Information *****

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

None

Incompatibility

None

Hazardous Decomposition

None

Possibility of Hazardous Reactions

Will not occur.

***** Section 11 - Toxicological Information *****

Acute Dose Effects

Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Carcinogenicity

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

***** Section 12 - Ecological Information *****

Ecotoxicity

Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

***** Section 13 - Disposal Considerations *****

US EPA Waste Number & Descriptions

A: General Product Information

None identified.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

***** Section 14 - Transportation Information *****

US DOT Information

Shipping Name: Not Regulated

***** Section 15 - Regulatory Information *****

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

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None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Polyester	25038-59-9	Yes	DSL	ELINCS

***** Section 16 - Other Information *****

Other Information

To the best of our knowledge, the information contained herein is accurate. However, Freudenberg Nonwovens does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

Key/Legend

- NA - Not Applicable
- ND - Not Determined
- ACGIH - American Conference of Governmental Industrial Hygienists
- OSHA - Occupational Safety and Health Administration
- TLV - Threshold Limit Value
- PEL - Permissible Exposure Limit
- TWA - Time Weighted Average
- STEL - Short Term Exposure Limit
- NTP - National Toxicology Program
- IARC - International Agency for Research on Cancer