

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Styles: DRYline[®] RainDrain[®] Housewrap
Chemical Name: Polyethylene Nonwoven/breathable Film
Product Use: Building products
Manufacturer Information: National Shelter Products, Inc.
Phone: 800-552-7775 50 SE Bush Street
Emergency #: 804-321-5867 Issaquah, WA 98027

Section 2 - Composition / Information on Ingredients

CAS #: 9002-88-4
Component: Polyethylene
Percent: 85 - 90

Component Information/Information on Non-Hazardous Components

This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

This product is not a controlled product under Canada's Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Hazards Identification

Emergency Overview: Product is a solid polyethylene fabric with various colors and no odor. No significant adverse health effects are expected with normal use of this product.

Potential Health Effects: **Eyes:** Eye contact will produce a mechanical irritation like any foreign object.

Skin: No skin irritation is expected with normal use of this product.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Inhalation: Not an inhalation hazard. If product is thermally processed, fumes may be irritating to the respiratory system.

HMIS Ratings: ① Health ① Fire ① Physical Hazard

Hazard Scale: ① = Minimal ② = Slight ③ = Moderate ④ = Serious ⑤ = Severe * = Chronic hazard

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Section 4 - First Aid Measures

First Aid:

Eyes: If irritation persists get medical attention.

Skin: No special instructions are necessary for this product.

Ingestion: Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion of a large amount does occur, seek medical attention.

Inhalation: If dust or vapors of processed product are inhaled, move person to non-contaminated air.

Section 5 - Fire Fighting Measures

Flash Point:	Not applicable	Method Used:	Not applicable
Upper Flammable Limit (UFL):	Not applicable	Lower Flammable Limit (LFL):	Not applicable
Auto Ignition:	Not applicable	Flammability Classification:	Not applicable
Rate of Burning:	Not available		

General Fire Hazards: This product is combustible at high temperatures. Burning may produce thick, irritating smoke.

Hazardous Combustion Products: Upon decomposition, product emits acrid, dense smoke with carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

Extinguishing Media: Use water spray, dry chemical foam, or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers.

Fire Fighting Equipment/Instructions: Use water spray, dry chemical foam, or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers.

NFPA Ratings: ① Health ① Fire ① Reactivity

Hazard Scale: ① = Minimal ② = Slight ③ = Moderate ④ = Serious ⑤ = Severe

Section 6 - Accidental Release Measures

Containment Procedures: Containment of this material should not be necessary.

Clean-Up Procedures: Sweep up or gather material and place in appropriate container for disposal.

Evacuation Procedures: Containment of this material should not be necessary.

Special Procedures: Follow all Local, State, Federal and Provincial regulations for disposal.

Section 7 - Handling and Storage

Handling Procedures: No special requirements.

Storage Procedures: Store in cool, dry, well-ventilated area. Do not store in areas containing flammable or combustible products.

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Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines:	General Product Information: Keep formation of dusts, particulates and fumes to a minimum. Component Exposure Limits: ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.
Engineering Controls:	Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.
Personal Protective Equipment:	Eyes/Face: None required; however, use of eye protection is good industrial practice. Skin: None required; however, use of protective gloves/clothing is good industrial practice. Respiratory: Not normally needed. When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided. General: Keep formation of dusts, particulates and fumes to a minimum.

Section 9 - Physical & Chemical Properties

Appearance:	Various	Odor:	None
Physical State:	Solid, fabric	pH:	Not applicable
Vapor Pressure:	Not applicable	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	230-284°F (110-140°C)
Solubility (H2O):	< 0.1%	Specific Gravity:	0.91-0.98

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Keep away from heat, ignition sources and incompatible materials.
Incompatibility:	Strong oxidizing agents (peroxides, chlorine, strong acids).
Hazardous Decomposition:	Upon decomposition, product emits acid, dense smoke with carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.
Hazardous Polymerization:	Will not occur.

Section 11 - Toxicological Information

Acute and Chronic Toxicity:	General Product Information: No additional information available. Component Analysis (LD50/LC50), Polyethylene (9002-88-4) Inhalation LC50 Mouse: 12 g/m3/30M
Carcinogenicity:	General Product Information: No component of this product present at greater than 0.1% is identified as a carcinogen by ACGIH, IARC, OSHA, NIOSH, or NTP.

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Section 12 - Ecological Information

Eco Toxicity: **General Product Information:** No additional information available.
Component Analysis / Eco Toxicity / Aquatic Toxicity:
No eco toxicity data are available for this product's components.

Environmental Fate: No information available for the product.

Section 13 - Disposal Considerations

US EPA Waste Number & Descriptions: **General Product Information:** Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.
Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Section 14 - Transportation Information

US DOT Information: **Shipping Name:** Not regulated as a hazardous material for transportation.

TDG Information: **Shipping Name:** Not regulated as a dangerous substance for transportation.

Section 15 - Regulatory Information

US Federal Regulations: **General Product Information:** No additional information available.
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).

US State Regulations: **General Product Information:** Other state regulations may apply. Check individual state requirements.
Component Analysis – State: None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Canadian WHMIS Information: **General Product Information:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. This product is not a controlled product under Canada's Workplace Hazardous Materials Information System (WHMIS).
Component Analysis – WHMIS IDL: No components are listed in the WHMIS IDL.

CAdditional Regulatory Information: **General Product Information:** All components are on the U.S. EPA TSCA Inventory List.

Component Analysis – Inventory:

Component	CAS #	TSCA	CAN	EEC
Polyethylene	9002-88-4	Yes	DSL	No

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Section 16 - Other Information

Other Information:

Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

Key/Legend:

EPA: Environmental Protection Agency
TSCA: Toxic Substance Control Act
ACGIH: American Conference of Governmental Industrial Hygienists
IARC: International Agency for Research on Cancer
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
NJTSR: New Jersey Trade Secret Registry

Contact:

Technical Manager: 800-552-7775

Styles:

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Product Use:

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