



Material Data Safety Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DRYLine™ HP Building Wrap
DRYLine™ LP Building Wrap

MANUFACTURER: National Shelter Products, Inc

ADDRESS: 50 SE Bush St, Issaquah, WA 98027

EMERGENCY PHONE: (800) 552-7775
FAX PHONE: (425) 557-8592

CHEMICAL NAME: Polyolefin Coated Woven Fabric

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: No Hazardous ingredients. However, this product does contain Rutile Titanium Dioxide (Pigment White 6), which is a WHMIS controlled ingredient. Please see Section 15, Regulatory Information

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: No toxicity data are available on this specific formulation; this health hazard assessment is based on information that is available for its components. All ingredients are bound in a polymer matrix and the potential for exposure as shipped is minimal. If the product is used as intended, it does not constitute any risk to public health or the environment.

ROUTES OF ENTRY: Inhalation, Ingestion, Skin Contact

POTENTIAL HEALTH EFFECTS

EYES: Like other inert particles

SKIN: Essentially non-irritating to skin. Skin absorption unlikely due to physical form.

INGESTION: Single dose oral toxicity is considered to be extremely low. Not likely to be ingested in present form.

INHALATION: Inhalation exposure unlikely due to form. Single exposure to dust not likely to be hazardous. Like other inert materials, dust can be mechanically irritating.

CHRONIC HEALTH HAZARDS: Refer to Section 11 for Toxicological Information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

SECTION 4: FIRST AID MEASURES

EYES: Rinse immediately with plenty of water. If eye irritation persists seek medical attention.

SKIN: For skin contact with molten material, cool with water. For thermal burns, remove clothing, any jewelry and gross debris from the burned area. Leave blisters intact. Cover the wounded area with gauze dressing moistened with water. Get medical attention.

INGESTION: In the unlikely even that the film is ingested do not induce vomiting without medical advice.

INHALATION: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Treat as nuisance dust if fine dust particles are generated during cutting operations.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT:

F: > 572°
C: > 300°

AUTOIGNITION TEMPERATURE:

F: N/A
C: N/A

EXTINGUISHING MEDIA: CO₂, foam, dry chemical, or water spray

SPECIAL FIRE FIGHTING PROCEDURES: Cool with water spray, remove from source. Wear positive pressure, self-contained breathing apparatus when fighting a fire in any closed space

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke may be emitted when burned without sufficient oxygen. Fine dust particles from slitting could pose an explosion or flash fire hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear appropriate personal protective equipment for the task

ENVIRONMENTAL PRECAUTIONS: Should not be released into the environment

CLEAN-UP METHODS: Clean-up promptly by sweeping or vacuum. Refer to Section 13 for proper disposal methods

SECTION 7: HANDLING AND STORAGE

HANDLING: Heat only in areas with proper ventilation. No other special handling measures are required

STORAGE: Store away from immediate and dangerous sources of ignition

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Heat only in areas with appropriate ventilation. Otherwise, none necessary under conditions of normal use.

RESPIRATORY PROTECTION: None necessary under conditions of normal use. Protect workers from dust during grinding or cutting operations.

EYE PROTECTION: Safety Glasses

SKIN PROTECTION: Use protective gloves when handling hot plastic

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Film/Nonwoven Laminate

ODOR: Negligible

MELTING POINT:

F: 205-275°

C: 96-135°

SPECIFIC GRAVITY (H₂O = 1): 0.840 – 1.910 g/cc

SOLUBILITY IN WATER: Insoluble

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal ambient conditions

DECOMPOSITION: > 300° C (572°F)

CONDITIONS TO AVOID (STABILITY): Prevent exposure to temperature > 300° C and open flames

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Combustible gases

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: This product is a blend that has not been evaluated as a whole for health effects. Exposure effects are based on existing health data for the individual components. Product is non-toxic.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not biodegradable. There is no indication this material is a risk to the environment. The chemicals are bound in the polymer matrix and not readily available. The chemicals are bound in the polymer matrix and not readily available. No water hazard.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Like most thermoplastics, this product can be recycled and this is preferred to landfill disposal or incineration. If the ability to recycle is not available, this material can be disposed of in a regulated landfill or incinerated according to local and federal regulations.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transportation. There are no special conditions required for transport of this material, as it is not classified as a hazardous material under the U.S. Department of Transportation, Canadian Transport, European Transport or United Nations regulations.

SECTION 15: REGULATORY INFORMATION

This product is classified as non-hazardous based on its components.

Canada:

<u>Components</u>	<u>WHMIS Classification of Substances</u>
Rutile Titanium Dioxide, Pigment White 6, CI 77891	B6

SARA: Material is not known to contain Toxic Chemicals under Section 313 of Title III of SARA of 1986.

TSCA (Toxic Substance Control Act): All components in this product are listed on the EPA TSCA inventory.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Prepared on March 31, 2011

PREPARATION INFORMATION: Quality Assurance Department
National Shelter Products, Inc

DISCLAIMER: The information is based on our present knowledge; however, this shall not constitute a guarantee for any specific product features. No toxicity data are available on this specific formulation; this health hazard assessment is based on information that is available for its components. The information given is provided only as guidance for safe handling, use, storage, transportation, disposal and release and is not considered a warranty or quality specification.