



# SAFETY DATA SHEET

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**MATERIAL NAME:** Synthetic Roof Underlayment  
**PRODUCT DESCRIPTION:** Polyolefin Coated Fabric laminated to Modified Bitumen  
**CHEMICAL FAMILY:** Mixture  
**PRODUCT USE:** Building and Construction  
**TRADE NAME (S):** Roofnado™ LapLock™ PSU  
**MANUFACTURER:** Sentry Building Innovations  
1209 Orange Street, Wilmington, New Castle, Delaware 19801  
[www.sentrybuilding.com](http://www.sentrybuilding.com)  
[www.roofnado.com](http://www.roofnado.com)

**TECHNICAL CONTACT** 1 -843-735-1773  
**EMERGENCY CONTACT** 1-800-262-8200 chemtec@chemtrec.com (8am-7pm US Eastern Time Zone, US and Canada)

## SECTION 2 – HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

**Overview** All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, the product listed in this SDS is not expected to pose a physical hazard or health risk to humans. This product does not contain any form of asbestos materials.

**Prevention** Avoid breathing dust, fumes, gas, mist, vapors, and/or spray.

**Storage/Disposal** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Route of Exposure** Skin, Eye, Ingestion

### POTENTIAL HEALTH EFFECTS:

**Inhalation** Not expected under normal conditions of use.

**Skin** Not expected under normal conditions of use. Repeated contact may cause skin irritation due to roughness of product.

**Ingestion** Not intended to be ingested (eaten). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

**Eyes** Not expected under normal conditions of use. If material comes in contact with the eyes, it may cause irritation.

**Carcinogenicity** When used under normal conditions, this product is not considered a carcinogen.



**HAZARD RATING (NFPA)**

<b>HEALTH</b>	0	
<b>FLAMMABILITY</b>	1	
<b>REACTIVITY</b>	0	
<b>SPECIAL NOTICE</b>	-	

**HAZARD RATING (HMIS®)**

<b>HEALTH</b>	0	
<b>FLAMMABILITY</b>	1	
<b>PHYSICAL HAZARD</b>	0	
<b>PERSONAL PROTECTION</b>	X	

NFPA – National Fire Protection Association

HMIS® is a registered trademark of the American Coatings Association

Degree of Hazard

- 0 - Minimal (Insignificant)
- 1 - Slight
- 2 - Moderate
- 3 - Serious (High)
- 4 - Severe (Extreme)

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Components	CAS #	Weight %
Asphalt	8052-42-4	<80%
SBS	92651-65-3	<20%
Filler	1317-65-3	<15%
Light Stabilizer	1317-65-3	<4%
Polypropylene Woven/Nonwoven Coated Fabric	9003-07-0	<30%

**Any concentration shown as a range is to protect confidentiality or is due to batch variability.**

**Note:**

NA = Not Available

NE = Not Established

**SECTION 4 – FIRST AID MEASURES**

**INHALATION** Remove to fresh, uncontaminated air.

**SKIN** For minor burns due to molten plastic, use running cold water.



## BUILDING INNOVATIONS

**INGESTION** If product is ingested, do not induce vomiting. If vomiting occurs, keep head lower than hips to avoid aspiration of vomit into the lungs, which can cause inflammation or pneumonitis. Get immediate medical attention.

**EYES** If material comes into contact with the eyes, immediately flush with plenty of cool water for at least 20 minutes preferably at an eye wash fountain or until irritation subsides, occasionally lifting the eye lids to ensure thorough rinsing. If irritation develops or persists, seek medical attention.

**NOTES TO PHYSICIANS/  
FIRST AID PROVIDERS** None

### SECTION 5 – FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** Water spray, Foam, Carbon Dioxide, Dry Chemical.

**UNSUITABLE EXTINGUISHING MEDIA** No data available

**HAZARDOUS COMBUSTION-  
PRODUCTS** Carbon Dioxide, Carbon Monoxide, Unidentified organic compounds. If burned, the material could release toxic fumes and smoke.

**FIRE FIGHTING PROCEDURES** Combustible. Avoid breathing fumes. Use extinguishing measures that are appropriate to local circumstances and surrounding environment.

**FIRE FIGHTER PROTECTION** Molten polypropylene tends to flow or drip; proper protection required. Firefighters should not enter confined space without wearing NIOSH-approved self-contained breathing apparatus with full face mask and protective equipment.

**UNUSUAL FIRE AND-  
EXPLOSION HAZARDS** None known

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** Not applicable

**EMERGENCY PROCEDURES** Not applicable

**ENVIRONMENTAL-  
PRECAUTIONS** No data available

**CLEAN-UP PROCEDURES** Pick up large pieces. Vacuum dust. If sweeping is necessary, avoid creating dusts by using a dust suppressant such as water. This will help to minimize potential exposures.

**WASTE DISPOSAL METHOD** Scoop up material and dispose in accordance with Federal, State, and local regulations. Do not burn.



## SECTION 7 – HANDLING AND STORAGE

### HANDLING PROCEDURES

When handling uncontained material, use personal protective equipment as described in Section 8 of this SDS.

### STORAGE PROCEDURES

Store material in accordance with instructions on the product packaging, if any. Material should be kept clean, dry, and in original packaging. Keep this product away from heat, sparks, ignition sources, and open flames in accordance with applicable laws and regulations.

### SPECIAL PACKAGING-MATERIALS

No data available

### INCOMPATIBLE MATERIALS

Not known

### OTHER PRECAUTIONS

Comply with OSHA and other safety standards and codes for roof work. Always use Fall Protection Systems when working on roofs. Product may be slippery when wet, dusty or covered with water, ice, dew, frost, or snow. Do not walk on material that has not been securely fastened to the roof deck.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT:

#### RESPIRATORY-PROTECTION

Not needed under normal use conditions.

#### EYES/FACE PROTECTION

Safety glasses with side shields are recommended

#### HANDS PROTECTION

Leather or Cotton gloves recommended when handling to protect against mechanical abrasion. Promptly clean hands with waterless hand cleaner, clean fingernails and wash with soap and water after handling.

#### SKIN/BODY PROTECTION

Normal work clothing (long sleeved shirts, long pants, and non-skid shoes or boots with 6-inc leather uppers) is recommended during application and/or tear-off activities

#### OTHER PROTECTIVE- EQUIPMENT

Should be provided as necessary to prevent irritation of the throat, eyes, and skin and to keep exposures below the applicable exposure limits identified in this section.

#### WORK HYGIENE-PRACTICES

Use good industrial hygiene practices when handling the material. Wash exposed skin prior to eating, drinking or smoking and at the end of the shift.

#### EXPOSURE GUIDELINES

Handle using methods and techniques that minimize dust or fume generation.

#### ENGINEERING CONTROLS/ VENTILATION

Not needed under normal conditions of use.



**BUILDING INNOVATIONS**

CHEMICAL NAME	COMMON NAME	CAS NUMBER	EXPOSURE LIMIT	
			ACGIH (TWA)	OSHA (PEL)
Polypropylene	Non-woven and Woven Fabric	9003-07-0	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Polyethylene	Polymer Extrusion Coating	9002-88-4	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Calcium Carbonate	Calcium Carbonate	1317-65-3	NE	NE
Light Stabilizer	UV Additive Masterbatch	70624-18-9	NE	NE
Asphalt (as fumes)	Asphalt	8052-42-4	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
SBS Polymer	SBS	92651-65-3	NE	NE

**Note:**

NA = Not Available

NE = Not Established

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Physical Form	Solid	Taste	No data available
Appearance	Sheet in roll form	Odor	Mild petroleum odor
Color	Various colors	Odor Threshold	No applicable
Boiling Point	N/A	Vapor Pressure	No data
Melting Point	>235 <sup>o</sup> F	Vapor Density	No data
Freezing Point	No data	Evaporation Rate	No data
Specific Gravity	Variable	VOC (Weight)	No data
Density	No data	VOC (Volume)	No data
Bulk Density	No data	Volatiles (Weight)	No data
Viscosity	No data	Volatiles (Volume)	No data
pH (Undiluted Product)	No data	Flash Point	>570 <sup>o</sup> F
Water Solubility	Insoluble	Flash Point Test Type	COC
Solvent Solubility	No data	Upper Explosion Limit	No data
Partition Coefficient - Octanol / Water	No data	Lower Explosion Limit	No data
Molecular Weight	No data	Auto Ignition	No data
Decomposition Temp.	No data	Flammability (Solid, Gas)	No data



## SECTION 10 – STABILITY AND REACTIVITY

<b>THERMAL STABILITY</b>	Stable under normal conditions of use.
<b>HAZARDOUS-DECOMPOSITION</b>	Upon decomposition this product may form carbon dioxide, carbon monoxide, and unidentified organic compound during heating or burning.
<b>HAZARDOUS-POLYMERIZATION</b>	Will not occur.
<b>CONDITIONS TO AVOID</b>	Keep this product away from heat, sparks, ignition sources, and open flames in accordance with applicable laws and regulations.
<b>INCOMPATIBLE MATERIALS</b>	None known

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>ACUTE EFFECTS</b>	Repeated contact may cause skin irritation due to roughness of product. If material comes in contact with the eyes, it may cause irritation. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.
<b>CHRONIC EFFECTS</b>	None known

## SECTION 12 – ECOLOGICAL INFORMATION

<b>ECOTOXICITY</b>	No data available for this product
<b>PERSISTENCE/DEGRADABILITY</b>	No data available for this product
<b>BIOACCUMULATION POTENTIAL</b>	No data available for this product
<b>MOBILITY IN SOIL</b>	No data available for this product
<b>OTHER ADVERSE EFFECTS (GHG, OZONE)</b>	No data available for this product

## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>PRODUCT INFORMATION</b>	This product, as supplied, is not expected to be a hazardous waste when it is disposed of according to the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations.
<b>DISPOSAL INSTRUCTIONS</b>	Dispose of waste material in accordance with Federal, State, and Local environmental regulations.
<b>RCRA CLASS</b>	None



**BUILDING INNOVATIONS**

## **SECTION 14 – TRANSPORT INFORMATION**

### **U. S. DEPARTMENT OF TRANSPORTATION**

Proper Shipping Name	N/A
Hazard Class	N/A
ID Number	N/A
Packing Group	N/A
Label Statement	N/A
Other	N/A

### **INTERNATIONALTRANSPOR REGULATION**

This product is not classified as dangerous goods according to international transport regulations.

UN Number	N/A
UN Proper Shipping Name	N/A
Packing Group	N/A
Environmental Hazards	N/A
Transport in Bulk	N/A
Special Precautions	N/A

## **SECTION 15 – REGULATORY INFORMATION**

### **INTERNATIONAL REGULATIONS**

These products are not considered articles per international product regulations and as such, these products do not require registration or notification on the various country-specific inventories.

### **U. S. FEDERAL REGULATIONS**

**TSCA** None

**CERCLA** None

### **SARA**

**Section 302** None of the product components are listed under this section

**Section 311/312** None of the product components are listed under this section

**Section 313** None of the product components are listed under this section

**STATE REGULATIONS** None

**Note:** TSCA Toxic Substances Control Act  
CERCLA Comprehensive Environmental Response Compensation and Liabilities Act  
SARA Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III



Section 302      Extremely Dangerous Hazardous Substances  
Section 311/312    Immediate health; Delayed health; Fire hazard  
Section 313      Reportable Ingredients

## **SECTION 16 – OTHER INFORMATION**

<b>DATE OF PREPARATION</b>	July 14, 2018
<b>DATE OF LAST REVISION</b>	N/A
<b>CHANGES SINCE LAST- REVISION</b>	N/A
<b>PREPARED BY</b>	Sentry Building Innovations

### **DISCLAIMER**

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