1. Product And Company Identification

Supplier
HENRY COMPANY
999 N. Sepulveda Blvd., Suite 800
El Segundo, CA  90245-2716

Company Contact:  Technical Services
Telephone Number: (800) 486-1278
Web Site: www.henry.com  www.bakor.com

Manufacturer
HENRY COMPANY
999 N. Sepulveda Blvd., Suite 800
El Segundo, CA  90245-2716

Company Contact:  Technical Services
Telephone Number: (800) 486-1278
Web Site: www.henry.com  www.bakor.com

Supplier Emergency Contacts & Phone Number
CHEMTREC:  (800) 424-9300
CHEMTREC:  (703) 527-3887
CANUTEC:  (613) 996-6666

Manufacturer Emergency Contacts & Phone Number
CHEMTREC:  (800) 424-9300
CHEMTREC:  (703) 527-3887
CANUTEC:  (613) 996-6666

Issue Date:  08/05/2014

Product Name:  HE5381P - LOWSLOPE 1 PLY WHITE SELF ADHERED ROOF-IN-A-ROLL
Product Code:  HE5381P

Product/Material Uses
Roofing Membrane

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
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<tbody>
<tr>
<td>asphalt, petroleum</td>
<td>8052-42-4</td>
<td>30 - 50</td>
</tr>
<tr>
<td>calcium carbonate</td>
<td>1317-65-3</td>
<td>10 - 20</td>
</tr>
<tr>
<td>mineral oil</td>
<td>64742-52-5</td>
<td>1 - 5</td>
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<tr>
<td>high density polyethylene</td>
<td>9002-88-4</td>
<td>1 - 5</td>
</tr>
<tr>
<td>rubber compounds</td>
<td>NA - Mixture</td>
<td>5 - 15</td>
</tr>
<tr>
<td>volcanic basalt rock</td>
<td>NA</td>
<td>30 - 40</td>
</tr>
</tbody>
</table>

EMERGENCY OVERVIEW

CAUTION!  This product contains asphalt. Some asphalt contains sulfur compounds which may form hydrogen sulfide when heated or burned. Prolonged direct skin and eye contact may cause irritation.

Appearance/Odor:  Rolled material.

3. Hazards Identification

Primary Routes(s) Of Entry
Inhalation - possible if product becomes airborne, but considered unlikely.

Eye Hazards
Particles may cause eye irritation.

Skin Hazards
May cause skin irritation and contact dermatitis upon prolonged contact.

Ingestion Hazards
Not a probable route of exposure.
3. Hazards Identification - Continued

**Inhalation Hazards**
Not a probable route of exposure under normal conditions of use.

**Chronic/Carcinogenicity Effects**
None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).

4. First Aid Measures

**Eye**
In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

**Skin**
Remove contaminated clothing and shoes. Wash affected areas with soap and water.

**Ingestion**
Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.

**Inhalation**
Inhalation not likely due to nature of material. If particles generated from grinding or sanding are inhaled, remove the person from the contaminated area to fresh air.

5. Fire Fighting Measures

**Flammability Class:** Non Flammable

**Fire And Explosion Hazards**
During a fire carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur, hydrogen sulfide, and irritating and/or toxic gases may be generated.

**Extinguishing Media**
Carbon dioxide, water, or dry chemical.

**Fire Fighting Instructions**
Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures
Collect and dispose in accordance with applicable regulations. Avoid release to waterways and sewers.

7. Handling And Storage

**Handling And Storage Precautions**
Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from heat sparks, or flame. Use only with adequate ventilation.

8. Exposure Controls/Personal Protection

**Engineering Controls**
Use with adequate general and local exhaust ventilation.

**Eye/ Face Protection**
Safety glasses with side shields recommended.

**Skin Protection**
Use with protective gloves and apron to prevent skin contact.
8. Exposure Controls/Personal Protection - Continued

**Respiratory Protection**
None normally required. Respirator use may be required due to secondary operations such as cutting, sanding, buffing, etc. The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

- **Asphalt fume**
  - ACGIH TLV-TWA 0.5 mg/m³ (Inhalable fraction and vapor)

**Ingredient(s) - Exposure Limits**
- asphalt, petroleum
  - OSHA PEL-TWA 5 mg/m³
  - ACGIH TLV-TWA 0.5 mg/m³ (Benzene soluble aerosol)
- mineral oil
  - OSHA (PEL-TWA): 5 mg/m³ (mineral oil mist)
  - ACGIH (PEL-TLV): 5 mg/m³ (mineral oil mist)

9. Physical And Chemical Properties

**Appearance**
Flexible sheet

**Chemical Type:** Mixture

**Physical State:** Solid

**Boiling Point:** 650-1000 °F 343-538 °C

**Specific Gravity:** >1.0

**Percent Volatiles:** <0.5%

**Vapor Pressure:** not applicable

**Vapor Density:** not available

**pH Factor:** not available

**Solubility:** not available

**Evaporation Rate:** not available

10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Not expected to occur

**Conditions To Avoid (Stability)**
Extreme temperatures, open flames, and strong oxidants.

**Hazardous Decomposition Products**
Decomposition not expected to occur if handled and stored properly.

**Conditions To Avoid (Polymerization)**
Incomplete combustion

11. Toxicological Information

**Chronic/Carcinogenicity**
None of the ingredients present in this product, at concentrations equal to or greater than 0.1%, have been determined to be carcinogenic by IARC, NTP, OSHA, or ACGIH.

**Miscellaneous Toxicological Information**
Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.
11. Toxicological Information - Continued

**Ingredient(s) - Carcinogenicity**
high density polyethylene
  Listed In The IARC Monographs

**Ingredient(s) - Toxicological Data**
calcium carbonate
  LD50 (oral-rat) : 6450 mg/kg

12. Ecological Information
None identified.

13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information
Ground Not restricted
IMDG  Not restricted
IATA  Not restricted

15. Regulatory Information

**U.S. Regulatory Information**
Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.

**Ingredient(s) - State Regulations**
asphalt, petroleum
  California - Proposition 65
calcium carbonate
  Pennsylvania - Workplace Hazard

**Canadian Regulatory Information**
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not classified or controlled.

<table>
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<tr>
<th>NFPA</th>
<th>HMIS</th>
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<td>PERSONAL PROTECTION</td>
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16. Other Information

**Revision/Preparer Information**
This MSDS Supersedes A Previous MSDS Dated: 08/23/2011

**Disclaimer**
Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume
Disclaimer - Continued

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HENRY COMPANY

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