1. Product And Company Identification

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>HENRY COMPANY</td>
<td>HENRY COMPANY</td>
</tr>
<tr>
<td>999 N. Sepulveda Blvd., Suite 800</td>
<td>999 N. Sepulveda Blvd., Suite 800</td>
</tr>
<tr>
<td>El Segundo, CA  90245-2716</td>
<td>El Segundo, CA  90245-2716</td>
</tr>
<tr>
<td>Company Contact:  Technical Services</td>
<td>Company Contact:  Technical Services</td>
</tr>
<tr>
<td>Telephone Number: (800) 486-1278</td>
<td>Telephone Number: (800) 486-1278</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Supplier Emergency Contacts &amp; Phone Number</th>
<th>Manufacturer Emergency Contacts &amp; Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMTREC:  (800) 424-9300</td>
<td>CHEMTREC:  (800) 424-9300</td>
</tr>
<tr>
<td>CHEMTREC:  (703) 527-3887</td>
<td>CHEMTREC:  (703) 527-3887</td>
</tr>
<tr>
<td>CANUTEC:  (613) 996-6666</td>
<td>CANUTEC:  (613) 996-6666</td>
</tr>
</tbody>
</table>

Issue Date: 06/24/2014

Product Name: HE289 - WHITE ROOFING SEALANT

Product Code: HE289

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>acrylic polymer blend</td>
<td>NA - Mixture</td>
<td>20 - 40</td>
</tr>
<tr>
<td>benzyl butyl phthalate</td>
<td>85-68-7</td>
<td>5 - 10</td>
</tr>
<tr>
<td>calcium carbonate</td>
<td>1317-65-3</td>
<td>20 - 40</td>
</tr>
<tr>
<td>silica, quartz</td>
<td>14808-60-7</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td>13463-67-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>water</td>
<td>7732-18-5</td>
<td>10 - 30</td>
</tr>
</tbody>
</table>

EMERGENCY OVERVIEW

CAUTION! Direct skin and eye contact may cause irritation. Ingestion may cause gastric distress. Inhalation may cause irritation to the respiratory tract.

Appearance/Odor: White, creamy liquid, paint-like odor

3. Hazards Identification

**Primary Routes(s) Of Entry**

Inhalation, Skin Contact and Ingestion

**Eye Hazards**

May cause eye irritation (burning, tearing, redness or swelling).

**Skin Hazards**

May cause skin irritation. Dermal absorption hazards are similar to ingestion hazards, after long term or repeated exposures.

**Ingestion Hazards**

May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea.
3. Hazards Identification - Continued

**Inhalation Hazards**
May cause minor irritation of the nose and throat. Certain individuals may experience minor nausea or headaches.

**Chronic/Carcinogenicity Effects**
This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.

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**
Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Contact a physician if symptoms develop.

5. Fire Fighting Measures

**Flash Point:** >212 °F >100 °C
**Flash Point Method:** Setaflash
**Lower Explosive Limit:** not available
**Upper Explosive Limit:** not available

**Fire And Explosion Hazards**
Product is not considered flammable or combustible. Products of combustion (cured material) include compounds of carbon, hydrogen, oxygen, including carbon monoxide.

**Extinguishing Media**
Carbon dioxide, water, water fog, dry chemical, chemical foam.

**Fire Fighting Instructions**
Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Avoid runoff 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 physical damage. Protect from extreme temperatures. Keep out of reach of children.

8. Exposure Controls/Personal Protection

**Engineering Controls**
Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.
8. Exposure Controls/Personal Protection - Continued

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

**Skin Protection**  
Use with chemical-protective gloves to prevent skin contact.

**Respiratory Protection**  
This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge and particulate filter or supplied air respirator.

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

**Ingredient(s) - Exposure Limits**
- calcium carbonate  
  - OSHA PEL-TWA 15 mg/m3 (total dust)  
  - OSHA PEL-TWA 5 mg/m3 (respirable dust)
- silica, quartz  
  - ACGIH TLV-TWA 0.025 mg/m3  
  - OSHA PEL-TWA 30 mg/m3 / (%SiO2+2) (total dust)  
  - OSHA PEL-TWA 10 mg/m3 / (%SiO2+2) (respirable dust)
- titanium dioxide  
  - ACGIH TLV-TWA 10 mg/m3 (respirable)  
  - OSHA PEL-TWA 15 mg/m3 (total dust)

9. Physical And Chemical Properties

**Appearance**  
White, creamy liquid

**Odor**  
Paint-like odor

**Chemical Type:** Mixture  
**Physical State:** Liquid  
**Boiling Point:** 212 °F  
**Specific Gravity:** 1.37  
**Percent Volatiles:** 45  
**Vapor Pressure:** 760@ 212ºF  
**Vapor Density:** >1  
**pH Factor:** not available  
**Solubility:** dispersible  
**Evaporation Rate:** <1

10. Stability And Reactivity

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Conditions To Avoid (Stability)**  
Extreme temperatures
10. Stability And Reactivity - Continued

**Incompatible Materials**
Strong oxidizers, strong acids

**Hazardous Decomposition Products**
Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons and smoke may be produced.

**Conditions To Avoid (Polymerization)**
none

11. Toxicological Information

**Chronic/Carcinogenicity**
IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz
IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B): titanium dioxide
ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz
NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz

Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

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

**Ingredient(s) - Toxicological Data**

- **benzyl butyl phthalate**
  - LD50 (oral, rat): 2330 mg/kg
  - LD50 (dermal, rabbit): >10000 mg/kg

- **calcium carbonate**
  - oral-rat LD50: 6450 mg/kg

- **silica, quartz**
  - iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)

12. Ecological Information

Do not allow into any sewer, on the ground, or into any body of water.

13. Disposal Considerations

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

14. Transport Information

<table>
<thead>
<tr>
<th>Mode</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground</td>
<td>Not Restricted</td>
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<tr>
<td>IMDG</td>
<td>Not Restricted</td>
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<tr>
<td>IATA</td>
<td>Not Restricted</td>
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</table>

15. Regulatory Information

**U.S. Regulatory Information**
Warning: This product contains a substance known to the State of California to cause cancer.
15. Regulatory Information - Continued

**SARA Hazard Classes**
Acute Health Hazard

**Ingredient(s) - State Regulations**
- benzyl butyl phthalate  
  New Jersey - Workplace Hazard  
  New Jersey - Environmental Hazard  
  Pennsylvania - Workplace Hazard  
  Pennsylvania - Environmental Hazard  
  New York City - Hazardous Substance
- calcium carbonate  
  Pennsylvania - Workplace Hazard  
  silica, quartz  
  New Jersey - Workplace Hazard  
  Pennsylvania - Workplace Hazard  
  California - Proposition 65  
  Massachusetts - Hazardous Substance
- titanium dioxide  
  New Jersey - Workplace Hazard  
  Pennsylvania - Workplace Hazard  
  New York City - Hazardous Substance

**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: D2A - Very Toxic

**Ingredient(s) - Canadian Regulatory Information**
- silica, quartz

**WHMIS - Canada (Pictograms)**

![NFPA](image)

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>PERSONAL PROTECTION</th>
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</thead>
<tbody>
<tr>
<td>0</td>
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<td>0</td>
<td>0</td>
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16. Other Information

**Revision/Preparer Information**
This MSDS Supersedes A Previous MSDS Dated: 04/22/2011

**Disclaimer**
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Disclaimer - Continued

consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

HENRY COMPANY