1. Product And Company Identification

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

**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:** 06/24/2014

**Product Name:** HE224 - SILICONE FORTIFIED WINDOW & DOOR SEALANT

**Product Code:** HE224

**Product/Material Uses**
Window and door sealant

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>acrylic polymer blend</td>
<td>NA - Mixture</td>
<td>20 - 30</td>
</tr>
<tr>
<td>benzyl butyl phthalate</td>
<td>85-68-7</td>
<td>5 - 15</td>
</tr>
<tr>
<td>calcium carbonate</td>
<td>1317-65-3</td>
<td>25 - 45</td>
</tr>
<tr>
<td>hydrotreated light petroleum distillate</td>
<td>64742-47-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>propylene glycol</td>
<td>57-55-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td>13463-67-7</td>
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</tr>
<tr>
<td>water</td>
<td>7732-18-5</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>

**EMERGENCY OVERVIEW**

**CAUTION!** Direct skin and eye contact may cause irritation.

**Appearance/Odor:** White with acrylic odor.

3. Hazards Identification

**Primary Routes(s) Of Entry**

**Inhalation**

**Eye Hazards**
May cause eye irritation.

**Skin Hazards**
May cause skin irritation.
3. Hazards Identification - Continued

**Ingestion Hazards**
May be harmful if swallowed. May cause gastric distress.

**Inhalation Hazards**
Breathing airborne particles or dust from misting, spraying, sanding, grinding, etc. may cause irritation to respiratory tract.

**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**
Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.

**Inhalation**
Remove the person from the contaminated area to fresh air. Contact a physician if symptoms develop.

5. Fire Fighting Measures

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

**Fire And Explosion Hazards**
Product will not burn, but dried solids can burn. Thermal decomposition (burning) of solids may release irritating and/or toxic gases and vapors including carbon monoxide, carbon dioxide.

**Extinguishing Media**
Chemical foam, carbon dioxide (CO2), water fog or dry chemical.

**Fire Fighting Instructions**
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**
Freezing will damage the emulsion.

8. Exposure Controls/Personal Protection

**Engineering Controls**
Use with adequate 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**
None normally required. 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.

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

**Ingredient(s) - Exposure Limits**
- Hydro-treated light petroleum distillate
  - ACGIH TLV-TWA 200 ppm (Skin)
- Propylene glycol
  - AIAH WEEL-TWA 10 mg/m3
- Titanium dioxide
  - ACGIH TLV-TWA 10 mg/m3 (respirable)
  - OSHA PEL-TWA 15 mg/m3 (total dust)

9. Physical And Chemical Properties

**Appearance**
White liquid

**Odor**
Acrylic odor

**Chemical Type:** Mixture
**Physical State:** Unknown
**Boiling Point:** 212 °F 100 °C
**Specific Gravity:** 1.47
**Percent Volatiles:** 18%
**Vapor Pressure:** as for water
**Vapor Density:** <1
**Solubility:** Dilutable in wet stage
**Evaporation Rate:** <1

10. Stability And Reactivity

**Stability:** stable
**Hazardous Polymerization:** not expected to occur

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

11. Toxicological Information

**Chronic/Carcinogenicity**
IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B):
- Titanium dioxide
11. Toxicological Information - Continued

**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**
  - LD50 (oral-rat): 6450 mg/kg

- **propylene glycol**
  - LD50 (oral, rat): 21800 mg/kg
  - LD50 (dermal, rabbit): 20800 mg/kg

- **titanium dioxide**
  - LD50 (oral, mouse): >10,000 mg/kg
  - LD50 (oral, rat): >25,000 mg/kg
  - LD50 (dermal, rabbit): >10,000 mg/kg
  - LC50 (inhalation, rat): >6820 mg/m3 (4 Hr)

12. Ecological Information

None identified.

13. Disposal Considerations

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

14. Transport Information

<table>
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<tr>
<th></th>
<th>Ground</th>
<th>IMDG</th>
<th>IATA</th>
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<tr>
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<td>Not restricted</td>
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</table>

15. Regulatory Information

**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

- **hydrotreated light petroleum distillate**
  - New Jersey - Workplace Hazard

- **titanium dioxide**
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - Massachusetts - Hazardous Substance
  - New York City - Hazardous Substance
15. Regulatory Information - Continued

**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: D2B - Toxic

**Ingredient(s) - Canadian Regulatory Information**
- propylene glycol
- titanium dioxide

**WHMIS - Ingredient Disclosure List**

**WHMIS - Canada (Pictograms)**

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

**Revision/Preparer Information**
This MSDS Supersedes A Previous MSDS Dated: 12/29/2011

**Disclaimer**
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