



# MATERIAL SAFETY DATA SHEET

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## HE224 - SILICONE FORTIFIED WINDOW & DOOR SEALANT

### 1. Product And Company Identification

<b>Supplier</b> HENRY COMPANY 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com	<b>Manufacturer</b> HENRY COMPANY 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> 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

Ingredient Name	CAS Number	Percent Of Total Weight
acrylic polymer blend	NA - Mixture	20 - 30
benzyl butyl phthalate	85-68-7	5 - 15
calcium carbonate	1317-65-3	25 - 45
hydrotreated light petroleum distillate	64742-47-8	1 - 5
propylene glycol	57-55-6	1 - 5
titanium dioxide	13463-67-7	1 - 5
water	7732-18-5	10 - 20

### 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.

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## 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 (CO<sub>2</sub>), 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.

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## 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**

hydrotreated light petroleum distillate

ACGIH TLV-TWA 200 ppm (Skin)

propylene glycol

AIAH WEEL-TWA 10mg/m<sup>3</sup>

titanium dioxide

ACGIH TLV-TWA 10 mg/m<sup>3</sup> (respirable)

OSHA PEL-TWA 15 mg/m<sup>3</sup> (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



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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

Ground Not restricted

IMDG Not restricted

IATA Not restricted

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

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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

WHMIS - Ingredient Disclosure List

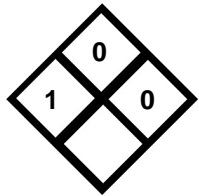
titanium dioxide

WHMIS - Ingredient Disclosure List

**WHMIS - Canada (Pictograms)**



**NFPA**



**HMIS**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

**Revision/Preparer Information**

This MSDS Supersedes A Previous MSDS Dated: 12/29/2011

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