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## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	<b>GE RENEW CARTRIDGE</b>	<b>IDH number:</b>	2776762
<b>Product type/use:</b>	Silicone Sealant	<b>Region:</b>	United States
<b>Restriction of Use:</b>	None identified	<b>Contact information:</b>	
<b>Company address:</b>		Telephone:	+1 (860) 571-5100
Henkel Corporation		MEDICAL EMERGENCY Phone:	Poison Control Center
One Henkel Way		1-877-671-4608 (toll free) or 1-303-592-1711	
Rocky Hill, Connecticut 06067		TRANSPORT EMERGENCY Phone:	CHEMTREC
		1-800-424-9300 (toll free) or 1-703-527-3887	
		Internet:	www.henkeln.com

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** CAUSES EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
EYE IRRITATION	2B

### PICTOGRAM(S)

None

### Precautionary Statements

<b>Prevention:</b>	Wash affected area thoroughly after handling.
<b>Response:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
<b>Storage:</b>	Not prescribed
<b>Disposal:</b>	Not prescribed

4 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Limestone	1317-65-3	20 - 30
Calcium carbonate	471-34-1	10 - 20
Titanium dioxide	13463-67-7	1 - 5

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

## 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice.
<b>Skin contact:</b>	Wash with soap and water. If skin irritation persists, call a physician. Wipe off paste with paper towel or cloth.
<b>Eye contact:</b>	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. If symptoms develop and persist, get medical attention.

**Ingestion:** Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

**Symptoms:** See Section 11.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Wear protective equipment. Wear self-contained breathing apparatus.

**Unusual fire or explosion hazards:** In case of fire, keep containers cool with water spray.

**Hazardous combustion products:** Oxides of carbon. Oxides of silicon. Formaldehyde. Toxic and irritating vapors.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Clean-up methods:** Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Store in a partly filled, closed container until disposal. Spilled material will solidify. Scrape up as much material as possible. Maintain good ventilation for large spills.

## 7. HANDLING AND STORAGE

**Handling:** Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation. Avoid contact with eyes, skin and clothing. Keep out of the reach of children. Use only with adequate ventilation. Protect from moisture.

**Storage:** Store in a cool, dry area. Avoid moisture.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Limestone	10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Total dust.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 5 mg/m3 TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction.	None	None
Calcium carbonate	10 mg/m3 TWA Total dust. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 5 mg/m3 PEL Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 15 MPPCF TWA Respirable fraction. 5 mg/m3 TWA Respirable fraction.	None	None
Titanium dioxide	10 mg/m3 TWA	15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None

<b>Engineering controls:</b>	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Solid
<b>Color:</b>	White
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	10 - 11.4
<b>Vapor pressure:</b>	23 mbar (20 °C (68°F))
<b>Boiling point/range:</b>	100 °C (212°F)
<b>Melting point/ range:</b>	0 °C (32°F)
<b>Vapor density:</b>	Not applicable, Product is a solid.
<b>Flash point:</b>	Not applicable
<b>Flammable/Explosive limits - lower:</b>	Not available.
<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Autoignition temperature:</b>	Not applicable
<b>Flammability:</b>	The product is not flammable.
<b>Evaporation rate:</b>	Not applicable

**Solubility in water:** Partially miscible  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** 2.64 %; 39.67 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method)  
**Viscosity:** Not available.  
**Decomposition temperature:** Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.  
**Hazardous reactions:** Will not occur.  
**Hazardous decomposition products:** In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) are released.  
**Incompatible materials:** None known  
**Reactivity:** Not available.  
**Conditions to avoid:** None known.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin contact, Eye contact

### Potential Health Effects/Symptoms

**Inhalation:** Not a relevant route of exposure.  
**Skin contact:** Prolonged or repeated contact with uncured sealant may cause skin irritation.  
**Eye contact:** Direct contact may cause temporary redness and discomfort.  
**Ingestion:** Not expected under normal conditions of use.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Limestone	None	Nuisance dust
Calcium carbonate	Oral LD50 (Rat) = 6,450 mg/kg Oral LD50 (Mouse) = 6,450 mg/kg Inhalation LC50 (Rat, 4 h) = > 3 mg/l	Nuisance dust
Titanium dioxide	Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l	Irritant, Respiratory, Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Limestone	No	No	No
Calcium carbonate	No	No	No
Titanium dioxide	No	Group 2B	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.  
**TSCA 12 (b) Export Notification:** None above reporting de minimis  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimis.  
**CERCLA/SARA Section 311/312:** Immediate Health  
**CERCLA/SARA Section 313:** None above reporting de minimis.  
**California Proposition 65:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer.

### Canada Regulatory Information

**CEPA DSL/NDSL Status:** Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

## 16. OTHER INFORMATION

**This safety data sheet contains changes from the previous version in sections:** This Safety Data Sheet contains changes from the previous version in Section(s): 2, 3, 9, 13, 15

**Prepared by:** Product Safety and Regulatory Affairs

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