



Revision Number: 001.3

Issue date: 08/14/2017

## 1. PRODUCT AND COMPANY IDENTIFICATION

|                               |  |                             |               |
|-------------------------------|--|-----------------------------|---------------|
| <b>Product name:</b>          | <b>LePage Renew</b>                            | <b>IDH number:</b>          | 2299552       |
| <b>Product type:</b>          | Silicone Coating                               | <b>Region:</b>              | United States |
| <b>Restriction of Use:</b>    | None identified                                | <b>Contact information:</b> |               |
| <b>Company address:</b>       |  |                             |               |
| Henkel Corporation            | Telephone: +1 (860) 571-5100                   |                             |               |
| One Henkel Way                | MEDICAL EMERGENCY Phone: Poison Control Center |                             |               |
| Rocky Hill, Connecticut 06067 | 1-877-671-4608 (toll free) or 1-303-592-1711   |                             |               |
|                               | TRANSPORT EMERGENCY Phone: CHEMTREC            |                             |               |
|                               | 1-800-424-9300 (toll free) or 1-703-527-3887   |                             |               |
|                               | Internet: www.henkelna.com                     |                             |               |

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** CAUSES SERIOUS EYE IRRITATION.

| HAZARD CLASS   | HAZARD CATEGORY |
|----------------|-----------------|
| EYE IRRITATION | 2A              |

### PICTOGRAM(S)



### Precautionary Statements

|                    |   |
|--------------------|---|
| <b>Prevention:</b> | Wash affected area thoroughly after handling. Wear eye and face protection.   |
| <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  |

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* |
|---|------------|-------------|
| Calcium carbonate                               | 471-34-1   | 10 - 20     |
| Dimethyl polysiloxane                           | 63148-62-9 | 1 - 5       |
| Limestone                                       | 1317-65-3  | 10 - 20     |
| Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy~ | 24938-91-8 | 1 - 5       |
| Titanium dioxide                                | 13463-67-7 | 1 - 5       |
| 2-(4-Thiazolyl)benzimidazole                    | 148-79-8   | 0.1 - 0.5   |

\* 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. |
| <b>Ingestion:</b>    | Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.  |
| <b>Symptoms:</b>     | See Section 11.   |

## 5. FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>Extinguishing media:</b>               | carbon dioxide, foam, powder, water spray jet, fine water spray     |
| <b>Special firefighting procedures:</b>   | Wear protective equipment. Wear self-contained breathing apparatus. |
| <b>Unusual fire or explosion hazards:</b> | None identified.  |
| <b>Hazardous combustion products:</b>     | Carbon monoxide. Carbon dioxide. Hydrogen sulfide. Sulphur oxides   |

## 6. ACCIDENTAL RELEASE MEASURES

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

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Do not allow product to enter sewer or waterways.  |
| <b>Clean-up methods:</b>          | 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

|                  |   |
|------------------|---|
| <b>Handling:</b> | 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. |
| <b>Storage:</b>  | 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 |
|--|--------------------------|---|-----------|-------|
| Calcium carbonate                                | 10 mg/m3 TWA Total dust. | 5 mg/m3 PEL Respirable fraction.<br>15 mg/m3 PEL Total dust.  | None      | None  |
| Dimethyl polysiloxane                            | None                     | None  | None      | None  |
| Limestone  | 10 mg/m3 TWA Total dust. | 5 mg/m3 PEL Respirable fraction.<br>15 mg/m3 PEL Total dust.  | None      | None  |
| Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-- | None                     | None  | None      | None  |
| Titanium dioxide                                 | 10 mg/m3 TWA             | 15 mg/m3 PEL Total dust.<br>15 MPPCF TWA Respirable fraction.<br>15 mg/m3 TWA Total dust.<br>50 MPPCF TWA Total dust.<br>5 mg/m3 TWA Respirable fraction. | None      | None  |
| 2-(4-Thiazolyl)benzimidazole                     | None                     | None  | None      | None  |

### Engineering controls:

Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

### Respiratory protection:

Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

### Eye/face protection:

Safety goggles or safety glasses with side shields.

### Skin protection:

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>                                      | Not available.   |
| <b>Vapor pressure:</b>                          | < 1 mbar   |
| <b>Boiling point/range:</b>                     | Not available.   |
| <b>Melting point/ range:</b>                    | Not applicable   |
| <b>Vapor density:</b>                           | Heavier than air.  |
| <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>                            | Not applicable   |
| <b>Evaporation rate:</b>                        | Not applicable   |
| <b>Solubility in water:</b>                     | Insoluble  |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.   |
| <b>VOC content:</b>                             | 0.7 % (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method) |
| <b>Viscosity:</b>                               | Not available.   |
| <b>Decomposition temperature:</b>               | Not available.   |

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

### Potential Health Effects/Symptoms

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

| Hazardous Component(s)                          | LD50s and LC50s  | Immediate and Delayed Health Effects                           |
|---|--|--|
| Calcium carbonate                               | Oral LD50 (Rat) = 6,450 mg/kg<br>Oral LD50 (Mouse) = 6,450 mg/kg   | Nuisance dust  |
| Dimethyl polysiloxane                           | None   | Irritant   |
| Limestone                                       | None   | Nuisance dust  |
| Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy~ | None   | Irritant   |
| Titanium dioxide                                | None   | Irritant, Respiratory, Some evidence of carcinogenicity        |
| 2-(4-Thiazolyl)benzimidazole                    | Oral LD50 (Rat) = 2,080 mg/kg<br>Oral LD50 (Mouse) = 1,300 mg/kg<br>Oral LD50 (Rat) = 3.1 g/kg<br>Oral LD50 (Mouse) = 3.6 g/kg<br>Oral LD50 (Rabbit) = 3.85 g/kg | Blood, Central nervous system, Gastrointestinal, Kidney, Liver |

| Hazardous Component(s)                          | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Calcium carbonate                               | No             | No              | No                                       |
| Dimethyl polysiloxane                           | No             | No              | No                                       |
| Limestone                                       | No             | No              | No                                       |
| Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy~ | No             | No              | No                                       |
| Titanium dioxide                                | No             | Group 2B        | No                                       |
| 2-(4-Thiazolyl)benzimidazole                    | No             | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

|  |  |
|--|--|
| <b>Recommended method of disposal:</b> | Follow all local, state, federal and provincial regulations for disposal.  |
| <b>Hazardous waste number:</b>         | It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of Ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24. |

### 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)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

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

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

#### Water Transportation (IMO/IMDG)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

|   |   |
|---|---|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.   |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis   |
| <b>CERCLA/SARA Section 302 EHS:</b>     | Ethylene oxide (CAS# 75-21-8).  |
| <b>CERCLA/SARA Section 311/312:</b>     | Immediate Health  |
| <b>CERCLA/SARA Section 313:</b>         | None above reporting de minimis.  |
| <b>California Proposition 65:</b>       | 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

|                             |   |
|-----------------------------|---|
| <b>CEPA DSL/NDL Status:</b> | One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List. |
|-----------------------------|---|

### 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): 1,9

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**Issue date:** 08/14/2017

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