



Revision Number: 004.0

Issue date: 04/18/2025

**1. IDENTIFICATION**

**Product name:** LePage 2 in 1 Seal and Bond Kitchen and Bath(Formerly LePage® Ultra Seal™ Clear Kitchen & Bath Acrylic Sealant) **IDH number:** 1380423

**Product type/** Sealant

**Recommended use:**

**Restriction of Use:** None identified **Region:** Canada

**Company address:** **Contact information:**  
 Henkel Canada Corporation Telephone: +1 (905) 814-6511  
 Meadowpine Boulevard 2515 MEDICAL EMERGENCY Phone: Poison Control Center  
 Mississauga, Ontario L5N 6C3 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  
 MEDICAL EMERGENCY Phone: Poison Control Center  
 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**

**DANGER:** H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.  
 H319 - CAUSES SERIOUS EYE IRRITATION.  
 H334 - MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.

HAZARD CLASS	HAZARD CATEGORY
EYE IRRITATION	2A
RESPIRATORY SENSITIZATION	1
SKIN SENSITIZATION	1

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** P261 - Avoid breathing mist/vapours.  
 P264 - Wash affected area thoroughly after handling.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
 P280 - Wear protective gloves, eye protection, and face protection.

**Response:** P284 - [In case of inadequate ventilation] wear respiratory protection.  
 P302+P352 - IF ON SKIN: Wash with plenty of water.  
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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**Storage:**  
**Disposal:**

contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 - If skin irritation or rash occurs: Get medical attention.  
P337+P313 - If eye irritation persists: Get medical attention.  
P342+P311 - If experiencing respiratory symptoms: Call a poison center or physician.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
Not prescribed  
P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

**Other hazards** Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision 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	Weight %*
Nonylphenol, 4-EO, sulfated, ammonium salt	9051-57-4	1 - 5
dipotassium peroxodisulphate	7727-21-1	0.1 - 1
Ethanol	64-17-5	0.1 - 1

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

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice.
<b>Skin contact:</b>	Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention.
<b>Eye contact:</b>	If irritation develops, flush eyes immediately with large amounts of water. If irritation persists, seek medical attention or advice.
<b>Ingestion:</b>	Rinse out mouth. Do not drink. Never give anything by mouth to an unconscious person. If adverse health effects develop seek medical attention.
<b>Most important symptoms and effects (acute and delayed):</b>	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
<b>Indication of any immediate medical attention / special treatment needed:</b>	Not available.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Improper extinguishing agents:</b>	Not available.
<b>Special firefighting procedures:</b>	Water may be unsuitable as an extinguishing media, but may be helpful in keeping adjacent containers cool.
<b>Unusual fire or explosion hazards:</b>	Closed containers may explode when exposed to extreme heat.

Hazardous combustion products: Oxides of nitrogen. Oxides of carbon.

## 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 let product enter drains.

**Clean-up methods:** Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Absorb spill with inert material. Shovel material into appropriate container for disposal. Wear appropriate protective equipment and clothing during clean-up.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes. Avoid prolonged or repeated skin contact with this material. Keep out of the reach of children.

**Storage:** Keep from freezing.

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
dipotassium peroxodisulphate	0.1 mg/m <sup>3</sup> TWA (as persulfate)	None	None	None
Ethanol	1,000 ppm STEL	1,000 ppm (1,900 mg/m <sup>3</sup> ) PEL	None	None

**Engineering controls:** Use local exhaust ventilation.

**Respiratory protection:** No personal respiratory protective equipment normally required.

**Eye/face protection:** None required in normal use.

**Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Clear  
**Odor:** Acrylic  
**Odor threshold:** Not available.  
**pH:** 7.7 - 8.6  
**Vapor pressure:** 15 mm hg (20 °C (68°F))  
**Boiling point/range:** 100 °C (212°F)  
**Melting point/ range:** Not available.  
**Density/Relative density:** 1.0485 - 1.0665 at 20 °C (68°F)  
**Relative vapor density:** Heavier than air, (Air = 1)  
**Flash point:** > 93.3 °C (> 199.94 °F) Pensky Martens closed cup  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not available.  
**Flammability:** Not applicable  
**Evaporation rate:** 0.5 (Butyl acetate = 1)  
**Solubility:** Soluble  
**Partition coefficient n-octanol/water (logarithmic value):** Not available.

**VOC content:** 1 %; < 15 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method)  
**Dynamic viscosity:** 250,000 - 350,000 cp  
**Kinematic viscosity:** Not available.  
**Particle characteristics:** 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:** Oxides of carbon. Oxides of nitrogen.  
**Incompatible materials:** This product may react with strong oxidizing agents.  
**Reactivity:** Not available.  
**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

**Inhalation:** Inhalation of vapors from uncured sealant may cause respiratory tract irritation. Causes respiratory tract irritation.

**Skin contact:** Prolonged or repeated contact with this product may dry and/or defat the skin. May cause allergic skin reaction.

**Eye contact:** Contact with uncured product may irritate the eyes.

**Ingestion:** Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s
Nonylphenol, 4-EO, sulfated, ammonium salt	None
dipotassium peroxodisulphate	Inhalation LC50 (Rat, 4 h) = > 5.1 mg/l Inhalation LC50 (Rat, 4 h) = >= 2.95 mg/l
Ethanol	Oral LD50 (Rat) = 9.9 g/kg Oral LD50 (Rat) = 6.2 g/kg Oral LD50 (Rat) = 17.8 g/kg Oral LD50 (Rat) = 11.5 g/kg Oral LD50 (Mouse) = 3,450 mg/kg Oral LD50 (Rat) = 10.6 g/kg Oral LD50 (Rat) = 7,060 mg/kg Inhalation LC50 (Rat, 4 h) = 133.8 mg/l Inhalation LC50 (Rat, 4 h) = 124.7 mg/l Inhalation LC50 (Rat, 4 h) = > 115.9 mg/l Inhalation LC50 (Rat, 4 h) = 130.7 mg/l Inhalation LC50 (Rat, 4 h) = 128.2 mg/l Inhalation LC50 (Rat, 4 h) = 116.9 mg/l Inhalation LC50 (Mouse, 4 h) = 39 mg/l

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Nonylphenol, 4-EO, sulfated, ammonium salt			
dipotassium peroxodisulphate			
Ethanol	Irritant		Central nervous system

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Nonylphenol, 4-EO, sulfated, ammonium salt	No	No	No
dipotassium peroxodisulphate	No	No	No
Ethanol	Known To Be Human Carcinogen.	Group 1	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

## 14. TRANSPORT INFORMATION

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

**Canada Transportation of Dangerous Goods - Ground**

**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**

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

**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.

**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, 8, 11

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

**Issue date:** 04/18/2025

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