1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LePage No More Nails All Purpose Construction Adhesive

IDH number: 1673141

Product type: All-purpose adhesive

Restriction of Use: None identified

Region: Canada

Company address:
Henkel Canada Corporation
2515 Meadowpine Boulevard
Mississauga, Ontario L5N 6C3

Contact information:
Telephone: +1 (800) 624-7767
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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

HAZARD CLASS
GASES UNDER PRESSURE

HAZARD CATEGORY
Compr. Gas

PICTOGRAM(S)

Precautionary Statements

Prevention: Not prescribed
Response: Not prescribed
Storage: Protect from sunlight. Store in a well-ventilated place.
Disposal: Not prescribed

Classification complies with Canadian Hazardous Products Regulations (WHMIS 2015) 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

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>CAS Number</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norflurane</td>
<td>811-97-2</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.
4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Skin contact: Wash with soap and water. If symptoms develop and persist, get medical attention.

Eye contact: Flush eyes with plenty of water for at least 5 minutes. If irritation persists seek medical attention.

Ingestion: Do not induce vomiting. Seek medical advice.

Symptoms: See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Not available.

Unusual fire or explosion hazards: Exposure to temperatures above 49°C (120°F) may cause container to burst. Cool aerosol containers with jet of water. Containers may explode.

Hazardous combustion products: Irritating organic vapours.

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: Prevent further leakage or spillage if safe to do so. Do not allow product to enter sewer or waterways.

Clean-up methods: Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors or mists of this product. Keep out of the reach of children.

Storage: Protect from freezing. Store in a cool, dry area. Do not puncture, incinerate, or exposure to temperatures above 48.9 °C (120 °F). “Empty” containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode.

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.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norflurane</td>
<td>None</td>
<td>None</td>
<td>1,000 ppm (4,240 mg/m3) TWA</td>
<td>None</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

IDH number: 1673141
Product name: LePage No More Nails All Purpose Construction Adhesive
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Engineering controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection: If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear protective equipment. Use of impervious apron and boots are recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>aerosol</td>
</tr>
<tr>
<td>Color</td>
<td>White, dries clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>7 - 9</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting point/Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.03 - 1.07 (Water = 1)</td>
</tr>
<tr>
<td>Vapor density</td>
<td>0.62 (Air = 1)</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93.3 °C (&gt; 199.94 °F) no method</td>
</tr>
<tr>
<td>Flashback</td>
<td>None</td>
</tr>
<tr>
<td>Flame projection</td>
<td>0.00 cm (0inch)</td>
</tr>
<tr>
<td>Flammable/Explosive limits - lower</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammable/Explosive limits - upper</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>1 (Water = 1)</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>emulsifiable</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not available</td>
</tr>
<tr>
<td>VOC content</td>
<td>&lt; 1 %; 23 g/l (calculated)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Will not occur.

Hazardous decomposition products: Irritating organic vapours.

Incompatible materials: Strong acids and oxidizing agents.

Reactivity: Not available.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

### 11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Ingestion, Skin
Potential Health Effects/Symptoms

**Inhalation:** Not a relevant route of exposure.

**Skin contact:** Prolonged and/or repeated skin contact with this product may cause irritation.

**Eye contact:** May cause irritation.

**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>LD50s and LC50s</th>
<th>Immediate and Delayed Health Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norflurane</td>
<td>None</td>
<td>Cardiac, Central nervous system, Irritant, Respiratory, Skin</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>None</td>
<td>Irritant</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen (Specifically Regulated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norflurane</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

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 package/configuration.

**Canada Transportation of Dangerous Goods - Ground**

- Proper shipping name: AEROSOLS
- Hazard class or division: 2.2
- Identification number: UN 1950
- Packing group: None

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

- Proper shipping name: Aerosols, non-flammable
- Hazard class or division: 2.2
- Identification number: UN 1950
- Packing group: None

**Water Transportation (IMO/IMDG)**

- Proper shipping name: AEROSOLS
- Hazard class or division: 2.2
- Identification number: UN 1950
- 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 or are exempt from listing on the Toxic Substances Control Act Inventory.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: Mary Ellen Roddy, Sr. Regulatory Affairs Specialist

Issue date: 08/09/2016

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