1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name:</th>
<th>LePage Heavy Duty Contact Cement</th>
<th>IDH number:</th>
<th>1504725</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product type:</td>
<td>Contact adhesive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restriction of Use:</td>
<td>None identified</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company address:</td>
<td>Henkel Canada Corporation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2515 Meadowpine Boulevard</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mississauga, Ontario L5N 6C3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

**DANGER:** HIGHLY FLAMMABLE LIQUID AND VAPOR.
MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.
MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.
MAY CAUSE DROWSINESS OR DIZZINESS.

<table>
<thead>
<tr>
<th>HAZARD CLASS</th>
<th>HAZARD CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAMMABLE LIQUID</td>
<td>2</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>2</td>
</tr>
<tr>
<td>EYE IRRITATION</td>
<td>2A</td>
</tr>
<tr>
<td>RESPIRATORY SENSITIZATION</td>
<td>1</td>
</tr>
<tr>
<td>SKIN SENSITIZATION</td>
<td>1</td>
</tr>
<tr>
<td>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE</td>
<td>3</td>
</tr>
<tr>
<td>ASPIRATION HAZARD</td>
<td>1</td>
</tr>
</tbody>
</table>

**PICTOGRAM(S)**

Precautionary Statements

**Prevention:**
Keep away from heat, sparks, open flames, hot surfaces - no smoking. Keep container tightly closed. No release into water. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection. In case of inadequate ventilation wear respiratory protection.

**Response:**
IF SWALLOWED: Immediately call a physician or poison control center. If on skin (or hair):
Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses.

IDH number: 1504725

Product name: LePage Heavy Duty Contact Cement
lenses, if present and easy to do. Continue rinsing. Do NOT induce vomiting. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. If experiencing respiratory symptoms: Call a poison center or physician. Take off contaminated clothing. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

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>Solvent naphtha (petroleum), light aliph., &lt;0.1% benzene</td>
<td>64742-89-8</td>
<td>30 - 40</td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>78-93-3</td>
<td>10 - 20</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>142-82-5</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Propyl acetate</td>
<td>109-60-4</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Rosin, polymer with phenol</td>
<td>68083-03-4</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

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

### 4. FIRST AID MEASURES

| Inhalation: Move to fresh air, consult doctor if complaint persists. | Skin contact: Rinse immediately with plenty of running water, seek medical advice if necessary. | Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. | Ingestion: Do not induce vomiting. Seek medical advice. | Symptoms: See Section 11. |

### 5. FIRE FIGHTING MEASURES


### 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: Soak up with inert absorbent. Store in a closed container until ready for disposal. |
7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.

Storage: Keep the container tightly closed and in a cool, well-ventilated place.

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>Solvent naphtha (petroleum), light aliph., &lt;0.1% benzene</td>
<td>None</td>
<td>100 ppm (400 mg/m³) PEL</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>200 ppm TWA</td>
<td>200 ppm (590 mg/m³) PEL</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>400 ppm TWA</td>
<td>500 ppm (2,000 mg/m³) PEL</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Propyl acetate</td>
<td>200 ppm TWA</td>
<td>200 ppm (840 mg/m³) PEL</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Rosin, polymer with phenol</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

- **Engineering controls:** Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established 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

- **Physical state:** Liquid
- **Color:** Yellow to tan
- **Odor:** Solvent
- **Odor threshold:** Not available.
- **pH:** Not available.
- **Vapor pressure:** Not available.
- **Boiling point/range:** Not available.
- **Melting point/range:** Not available.
- **Specific gravity:** 0.85
- **Vapor density:** Not available.
- **Flash point:** -9 °C (15.8 °F) no method; -9 °C (15.8 °F) no method
- **Flammable/Explosive limits - lower:** Not available.
- **Flammable/Explosive limits - upper:** Not available.
- **Autoignition temperature:** Not available.
- **Flammability:** Not applicable
- **Evaporation rate:** Not available.
- **Solubility in water:** Not available.
- **Partition coefficient (n-octanol/water):** Not available.
- **VOC content:** 77.4 %; 644.8 g/l
- **Viscosity:** 1,000 – 1,400 cp
- **Decomposition temperature:** Not available.
10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Hazardous reactions: Will not occur.

Hazardous decomposition products: In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) are released.

Incompatible materials: Strong oxidizing agents.

Reactivity: Not available.

Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Eyes, Inhalation, Skin, Ingestion

Potential Health Effects/Symptoms

Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.

Skin contact: Irritating to skin.

Eye contact: Liquid or vapors may irritate the eyes.

Ingestion: Harmful if swallowed.

<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>Solvent naphtha (petroleum), light aliph., &lt;0.1% benzene</td>
<td>Oral LD50 (Mouse) = 670 mg/kg</td>
<td>Irritant</td>
</tr>
<tr>
<td></td>
<td>Oral LD50 (Rat) = 2,300 - 3,500 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oral LD50 (Rat) = 4,500 - 6,800 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal LD50 (Rabbit) = &gt; 8,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inhalation LC50 (Rat, 4 h) = 11700 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>n-Heptane</td>
<td>Inhalation LC50 (Rat, 4 h) = 103 mg/l</td>
</tr>
<tr>
<td></td>
<td>Propyl acetate</td>
<td>Oral LD50 (Mouse) = 8,300 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oral LD50 (Rabbit) = 6.64 g/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oral LD50 (Rabbit) = 9.370 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rosin, polymer with phenol</td>
<td>None</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: 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.

Canada Transportation of Dangerous Goods - Ground
Proper shipping name: ADHESIVES
Hazard class or division: 3
Identification number: UN 1133
Packing group: II

International Air Transportation (ICAO/IATA)
Proper shipping name: Adhesives
Hazard class or division: 3
Identification number: UN 1133
Packing group: II

Water Transportation (IMO/IMDG)
Proper shipping name: ADHESIVES
Hazard class or division: 3
Identification number: UN 1133
Packing group: II

Marine pollutant: Heptanes

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: This Safety Data Sheet contains changes from the previous version in Section(s): 2

Prepared by: Donna Houston, Regulatory Affairs Specialist
Issue date: 03/30/2017

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