



Revision Number: 001.1

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LePage Heavy Duty Spray Adhesive **IDH number:** 1726250  
**Product use:** Aerosol, Adhesive **Region:** Canada  
**Company address:** **Contact information:**  
 Henkel Canada Corporation Telephone: 905.814.6511  
 2515 Meadowpine Boulevard 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  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**Physical state:** Liquid **WHMIS hazard class:** D.2.B, A, B.5  
**Color:** Off white  
**Odor:** Solvent

**WARNING:** EXTREMELY FLAMMABLE.  
 VAPOR MAY CAUSE FLASH FIRE.  
 CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

**Potential Health Effects**

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
**Skin contact:** This product may cause irritation to the skin.  
**Eye contact:** This product is severely irritating to the eyes and may cause eye burns.  
**Ingestion:** Ingestion of this product may cause nausea, vomiting and diarrhea.

**Existing conditions aggravated by exposure:** Eye, skin and respiratory disorders.

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Hazardous components  | CAS NUMBER | %       |
|---|------------|---------|
| Acetone   | 67-64-1    | 10 - 30 |
| Methyl acetate  | 79-20-9    | 10 - 30 |
| Solvent naphtha (petroleum), light aliphatic, low benzene content | 64742-89-8 | 5 - 10  |
| Cyclohexane   | 110-82-7   | 30 - 60 |
| Propane   | 74-98-6    | 10 - 30 |

**4. FIRST AID MEASURES**

**Inhalation:** If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.  
**Skin contact:** Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention. Remove contaminated clothes.

|                            |  |
|----------------------------|--|
| <b>Eye contact:</b>        | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.                                   |
| <b>Ingestion:</b>          | Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.                   |
| <b>Notes to physician:</b> | This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. |

## 5. FIRE FIGHTING MEASURES

|  |   |
|--|---|
| <b>Flash point:</b>                        | Not available.  |
| <b>Flashback:</b>                          | This product exhibits flashback when tested for flame extension.  |
| <b>Autoignition temperature:</b>           | Not available.  |
| <b>Flammable/Explosive limits - lower:</b> | Not available.  |
| <b>Flammable/Explosive limits - upper:</b> | Not available.  |
| <b>Extinguishing media:</b>                | Water spray (fog), foam, dry chemical or carbon dioxide.  |
| <b>Special firefighting procedures:</b>    | Wear full protective clothing. Wear self contained breathing apparatus.   |
| <b>Unusual fire or explosion hazards:</b>  | May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses. Contents under pressure. Do not puncture or incinerate pressurized containers. Exposure to temperatures above 49°C (120°F) may cause container to burst. |
| <b>Hazardous combustion products:</b>      | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.  |
| <b>Sensitivity to Mechanical Impact:</b>   | Not available.  |
| <b>Sensitivity to static discharge:</b>    | Not available.  |

## 6. ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| <b>Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.</b> |   |
| <b>Environmental precautions:</b>   | Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways. |
| <b>Clean-up methods:</b>  | 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

|                  |  |
|------------------|--|
| <b>Handling:</b> | Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors or mists of this product. Do not take internally.           |
| <b>Storage:</b>  | For safe storage, store at or below 48.8 °C (119.8 °F)<br>Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. |

**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 components  | ACGIH TLV  | OSHA PEL                    | AIHA WEEL | OTHER |
|---|--|-----------------------------|-----------|-------|
| Acetone   | 750 ppm STEL<br>500 ppm TWA  | 1,000 ppm (2,400 mg/m3) PEL | None      | None  |
| Methyl acetate  | 200 ppm TWA<br>250 ppm STEL  | 200 ppm (610 mg/m3) PEL     | None      | None  |
| Solvent naphtha (petroleum), light aliphatic, low benzene content | None   | None                        | None      | None  |
| Cyclohexane   | 100 ppm TWA  | 300 ppm (1,050 mg/m3) PEL   | None      | None  |
| Propane   | Included in the regulation but with no data values. See regulation for further details | 1,000 ppm (1,800 mg/m3) PEL | None      | None  |

**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 impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| <b>Physical state:</b>                          | Liquid   |
| <b>Color:</b>                                   | Off white  |
| <b>Odor:</b>                                    | Solvent  |
| <b>Odor threshold:</b>                          | Not available.   |
| <b>pH:</b>                                      | Not applicable   |
| <b>Vapor pressure:</b>                          | Not available.   |
| <b>Boiling point/range:</b>                     | Not available.   |
| <b>Melting point/ range:</b>                    | Not available.   |
| <b>Specific gravity:</b>                        | 0.8300 - 0.8400  |
| <b>Vapor density:</b>                           | Not available.   |
| <b>Flash point:</b>                             | Not available.   |
| <b>Flashback:</b>                               | This product exhibits flashback when tested for flame extension. |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.   |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.   |
| <b>Autoignition temperature:</b>                | Not available.   |
| <b>Evaporation rate:</b>                        | > 1 (Butyl acetate = 1)  |
| <b>Solubility in water:</b>                     | Insoluble  |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.   |
| <b>VOC content:</b>                             | 54.80 %; 307.77 g/l  |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable at normal conditions.   |
| <b>Hazardous reactions:</b>              | Will not occur.  |
| <b>Hazardous decomposition products:</b> | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. |
| <b>Incompatible materials:</b>           | This product may react with strong acids, bases and oxidizing agents.  |
| <b>Conditions to avoid:</b>              | Keep away from heat, ignition sources and incompatible materials.  |

## 11. TOXICOLOGICAL INFORMATION

**Toxicologically synergistic products:** Not available.

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

| Hazardous Component(s)  | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Acetone   | No             | No              | No                                       |
| Methyl acetate  | No             | No              | No                                       |
| Solvent naphtha (petroleum), light aliphatic, low benzene content | No             | No              | No                                       |
| Cyclohexane   | No             | No              | No                                       |
| Propane   | No             | No              | No                                       |

| Hazardous components  | LD50s and LC50s   | Health Effects/Target Organs                          |
|---|---|---|
| Acetone   | Oral LD50 (RABBIT) = 5,340 mg/kg<br>Oral LD50 (RAT) = 5,800 mg/kg<br>Oral LD50 (RAT) = 9,800 mg/kg<br>Dermal LD50 (RABBIT) = 20,000 mg/kg<br>Inhalation LC50 (RAT, 8 h) = 50.1 mg/l<br>Inhalation LC50 (RAT, 4 h) = 76 mg/l | Blood, Central nervous system, Irritant, Reproductive |
| Methyl acetate  | Oral LD50 (RABBIT) = 3.7 g/kg   | Blood, Central nervous system, Eyes, Irritant         |
| Solvent naphtha (petroleum), light aliphatic, low benzene content | None  | Irritant  |
| Cyclohexane   | Oral LD50 (RAT) = 29,820 mg/kg  | Irritant, Central nervous system                      |
| Propane   | Inhalation LC50 (RAT, 15 min) = > 1,442.847 mg/l<br>Inhalation LC50 (RAT, 15 min) = > 1,464 mg/l  | Cardiac, Central nervous system, Irritant             |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Harmful to aquatic organisms.

### 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 shipping classification in this section are for bulk packaging only. Shipping classification may be different for non-bulk packaging as exceptions may apply. Refer to shipping documents for package specific transportation classification.

#### Canada Transportation of Dangerous Goods - Ground

**Proper shipping name:** AEROSOLS  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None

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

**Proper shipping name:** Aerosols, flammable  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** AEROSOLS (Cyclohexane)  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None  
**Marine pollutant:** Cyclohexane

### 15. REGULATORY INFORMATION

#### Canada Regulatory Information

**CEPA DSL/NDSL Status:**

#### 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 material safety data sheet contains changes from the previous version in sections:** First issue.

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.**

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