



Revision Number: 001.0

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1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|------------------------------|--|---------------------|---------|
| Product name: | LePage Heavy Duty Contact Cement | IDH number: | 3002047 |
| Product type/use: | Solvent based adhesive | Item number: | |
| 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 | | |
| | Internet: www.henkelna.com | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: HIGHLY FLAMMABLE LIQUID AND VAPOUR.
 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
 CAUSES SKIN IRRITATION.
 MAY CAUSE AN ALLERGIC SKIN REACTION.
 CAUSES SERIOUS EYE IRRITATION.
 MAY CAUSE DROWSINESS OR DIZZINESS.

| HAZARD CLASS | HAZARD CATEGORY |
|--|-----------------|
| FLAMMABLE LIQUID | 2 |
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | 3 |
| ASPIRATION HAZARD | 1 |

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 non-sparking tools. Take action to prevent static discharges. 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.

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, 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. Take off

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Product name: LePage Heavy Duty Contact Cement

Storage: contaminated clothing. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish. 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

| Hazardous Component(s) | CAS Number | Weight %* |
|--|------------|-----------|
| acetone | 67-64-1 | 10 - 30 |
| Solvent naphtha (petroleum), light aliph., <0.1% benzene | 64742-89-8 | 10 - 30 |
| Methyl ethyl ketone | 78-93-3 | 10 - 30 |
| propyl acetate | 109-60-4 | 10 - 30 |
| Tert-butyl acetate | 540-88-5 | 5 - 10 |
| Phenol, polymer with formaldehyde | 9003-35-4 | 5 - 10 |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane | 119-47-1 | 0.1 - 1 |
| Magnesium oxide | 1309-48-4 | 1 - 5 |

* 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

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

Special firefighting procedures: Wear self contained breathing apparatus. Wear full protective clothing.

Unusual fire or explosion hazards: None known.

Hazardous combustion products: Carbon dioxide. Carbon monoxide.

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: Not available.

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 |
|--|-------------------------------------|---|-----------|-------|
| acetone | 250 ppm TWA 500 ppm STEL | 1,000 ppm (2,400 mg/m3) PEL | None | None |
| Solvent naphtha (petroleum), light aliph., <0.1% benzene | None | 100 ppm (400 mg/m3) PEL | None | None |
| Methyl ethyl ketone | 200 ppm TWA 300 ppm STEL | 200 ppm (590 mg/m3) PEL | None | None |
| propyl acetate | 100 ppm TWA 150 ppm STEL | 200 ppm (840 mg/m3) PEL | None | None |
| Tert-butyl acetate | 50 ppm TWA 150 ppm STEL | 200 ppm (950 mg/m3) PEL | None | None |
| Phenol, polymer with formaldehyde | None | None | None | None |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane | None | None | None | None |
| Magnesium oxide | 10 mg/m3 TWA Inhalable fraction. | 15 mg/m3 PEL Total particulate. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction. | None | None |

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: | Tan |
| Odor: | Pungent |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | Not available. |
| Boiling point/range: | Not available. |
| Melting point/ range: | Not available. |
| Specific gravity: | 0.845 - 0.869 at 25 °C (77°F) |
| Vapor density: | Not available. |
| Flash point: | -18 °C (0.4 °F) Internal Henkel specification |
| 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: | 54.35 % |
| 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 (CO ₂) 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: | Skin, Inhalation, Eyes, Ingestion |
|-------------------------------------|-----------------------------------|

Potential Health Effects/Symptoms

Inhalation: May cause nose, throat and lung irritation. May cause sensitization by inhalation.
Skin contact: May cause skin irritation. May cause allergic skin reaction.
Eye contact: May cause mild irritation
Ingestion: May be harmful if swallowed. May cause an aspiration hazard if swallowed.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|--|--|
| acetone | Oral LD50 (Mouse) = 5.2 g/kg Oral LD50 (Mouse) = 3,000 mg/kg Oral LD50 (Rabbit) = 5,340 mg/kg Oral LD50 (Rat) = 5,800 mg/kg Oral LD50 (Rat) = 9,800 mg/kg Dermal LD50 (Rabbit) = 20,000 mg/kg Inhalation LC50 (Rat, 4 h) = 76 mg/l Inhalation LC50 (Rat, 4 h) = 50.1 mg/l | Central nervous system, Irritant |
| Solvent naphtha (petroleum), light aliph., <0.1% benzene | Inhalation LC50 (Rat, 4 h) = > 7,630 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,610 mg/m3 | Irritant |
| Methyl ethyl ketone | Oral LD50 (Mouse) = 670 mg/kg Oral LD50 (Rat) = 2,300 - 3,500 mg/kg Oral LD50 (Rat) = 4,500 - 6,800 mg/kg Dermal LD50 (Rabbit) = > 8,000 mg/kg | Irritant, Central nervous system |
| propyl acetate | Oral LD50 (Mouse) = 8,300 mg/kg Oral LD50 (Rabbit) = 6.64 g/kg Oral LD50 (Rat) = 9,370 mg/kg Inhalation LC50 (Rat, 4 h) = 32 mg/l | Central nervous system, Irritant |
| Tert-butyl acetate | Inhalation LC50 (Rat, 4 h) = > 2.23 mg/l Inhalation LC50 (Rat, 4 h) = 13.3 mg/l | Blood, Cardiac, Central nervous system, Gastrointestinal, Irritant |
| Phenol, polymer with formaldehyde | None | No Data |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane | Oral LD50 (Mouse) = 11,000 mg/kg Oral LD50 (Mouse) = 11,000 mg/kg | Irritant |
| Magnesium oxide | None | Blood, Central nervous system, Immune system, Irritant |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| acetone | No | No | No |
| Solvent naphtha (petroleum), light aliph., <0.1% benzene | No | No | No |
| Methyl ethyl ketone | No | No | No |
| propyl acetate | No | No | No |
| Tert-butyl acetate | No | No | No |
| Phenol, polymer with formaldehyde | No | No | No |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane | No | No | No |
| Magnesium oxide | No | No | No |

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 packaging.

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

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: First issue.

Prepared by: Product Safety and Regulatory Affairs

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