



Revision Number: 002.0

Issue date: 06/04/2012

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LePage® Plumber's Choice® Adhesive Sealant **IDH number:** 303383  
**Product use:** Adhesive/Sealant **Item number:** 32246  
**Region:** Canada  
**Company address:** Henkel Canada Corporation  
 2515 Meadowpine Boulevard  
 Mississauga, Ontario L5N 6C3  
**Contact information:** Telephone: 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  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**Physical state:** gel **WHMIS hazard class:** B.2, D.2.A, D.2.B  
**Color:** Clear  
**Odor:** Solvent

**DANGER:** EXTREMELY FLAMMABLE LIQUID AND VAPOR.  
 VAPOR MAY CAUSE FLASH FIRE.  
 MAY BE HARMFUL IF SWALLOWED OR INHALED.  
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Skin, Ingestion, Lungs, Eye contact

**Potential Health Effects**

**Inhalation:** May be harmful if inhaled. Vapors and mists will irritate nose and throat and possibly eyes. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.  
**Skin contact:** Prolonged contact with skin may cause dermatitis. May cause skin irritation with discomfort or rash. Prolonged or repeated contact has caused severe dermatitis including blisters, cracking, edema and redness.  
**Eye contact:** May cause severe eye irritation. Blurred vision. Redness. Tearing.  
**Ingestion:** May cause an aspiration hazard if swallowed. Aspirated material can enter lungs and cause damage.

**Existing conditions aggravated by exposure:** Pre-existing skin, respiratory, central nervous system, liver and kidney conditions may be susceptible.

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
Toluene	108-88-3	30 - 60
Hydrocarbon aliphatic C4-11 < 0,1% benzene	64742-49-0	5 - 10
n-Hexane	110-54-3	1 - 5

**4. FIRST AID MEASURES**

**Inhalation:** Get medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Move to fresh air.

<b>Skin contact:</b>	Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash with soap and water.
<b>Eye contact:</b>	Get medical attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
<b>Ingestion:</b>	Do not induce vomiting; contains petroleum distillates and/or aromatic solvents. If vomiting occurs, prevent aspiration by keeping the patient's head below the knees. Aspiration may cause pulmonary edema and pneumonitis. Get medical attention.

## 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	-12 °C (10.4 °F) ASTM D-93
<b>Autoignition temperature:</b>	Not available.
<b>Flammable/Explosive limits - lower:</b>	1.2 % (Toluene)
<b>Flammable/Explosive limits - upper:</b>	8 % (Toluene)
<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	Closed containers may explode when exposed to extreme heat. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Do not handle or store near an open flame, heat or other sources of ignition.
<b>Hazardous combustion products:</b>	Oxides of carbon. Hydrocarbons. Irritating organic vapours.
<b>Sensitivity to Mechanical Impact:</b>	Not available.
<b>Sensitivity to static discharge:</b>	Electrostatic charge may build-up during handling. Grounding of equipment is recommended.

## 6. ACCIDENTAL RELEASE MEASURES

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	Spilled liquid is combustible and can be ignited by heat, flames, sparks, or other sources of ignition. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.
<b>Storage:</b>	Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**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
Toluene	20 ppm TWA	200 ppm TWA 300 ppm Ceiling 500 ppm MAX. CONC 10 minutes	None	None
Hydrocarbon aliphatic C4-11 < 0,1% benzene	None	None	None	None
n-Hexane	(SKIN) 50 ppm TWA	500 ppm (1,800 mg/m3) TWA	None	None

<b>Engineering controls:</b>	Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	gel
<b>Color:</b>	Clear
<b>Odor:</b>	Solvent
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not determined
<b>Vapor pressure:</b>	Not available.
<b>Boiling point/range:</b>	66 - 111 °C (150.8 - 231.8 °F)
<b>Melting point/ range:</b>	Not available.
<b>Vapor density:</b>	> 1
<b>Flash point:</b>	-12 °C (10.4 °F) ASTM D-93
<b>Flammable/Explosive limits - lower:</b>	1.2 % (Toluene)
<b>Flammable/Explosive limits - upper:</b>	8 % (Toluene)
<b>Autoignition temperature:</b>	Not available.
<b>Evaporation rate:</b>	Greater than butyl acetate., (Butyl acetate = 1)
<b>Solubility in water:</b>	Negligible
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>VOC content:</b>	48.1 %; 437 g/l
<b>Viscosity:</b>	13,000 - 20,000 mPa.s

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Irritating organic vapours. Hydrocarbons. Oxides of carbon.
<b>Incompatible materials:</b>	Oxidizing agents.
<b>Conditions to avoid:</b>	Store away from incompatible materials. Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicologically synergistic products:</b>	Not available.
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Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)	ACGIH Carcinogen
Toluene	No	No	No	Group A4
Hydrocarbon aliphatic C4-11 < 0,1% benzene	No	No	No	No
n-Hexane	No	No	No	No

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Toluene	Oral LD50 (RAT) = 5,000 mg/kg Oral LD50 (RAT) = 2.6 g/kg Dermal LD50 (rabbit) = 12,124 mg/kg Inhalation LC50 (RAT, 1 h) = 26,700 mg/l Inhalation LC50 (RAT, 4 h) = 8,000 mg/l Inhalation LC50 (RAT, 2 h) = 12,200 mg/l	Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant
Hydrocarbon aliphatic C4-11 < 0,1% benzene	None	Central nervous system, Irritant, Kidney, Lung
n-Hexane	Oral LD50 (RAT) = 24 mg/kg Oral LD50 (rat) = 49 mg/kg Oral LD50 (RAT) = 43.5 mg/kg Oral LD50 (RAT) = 28,710 mg/kg Inhalation LC50 (RAT, 4 h) = 48,000 mg/l	Developmental, Irritant, Lung, Nervous System, Reproductive

## 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 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:** 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/NDL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-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 material safety data sheet contains changes from the previous version in sections:** This Material Safety Data Sheet contains changes from the previous version in Section(s): 1, 2, 3, 7, 9, 15, 16

**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.**

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

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