



Revision Number: 003.0

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1. IDENTIFICATION

Product name: LePage Heavy Duty Contact Cement **IDH number:** 1504629
Product type/ Contact adhesive
Recommended use:
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
 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

DANGER: H225 - HIGHLY FLAMMABLE LIQUID AND VAPOUR.
 H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
 H315 - CAUSES SKIN IRRITATION.
 H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
 H319 - CAUSES SERIOUS EYE IRRITATION.
 H334 - MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.
 H336 - MAY CAUSE DROWSINESS OR DIZZINESS.
 H360 - MAY DAMAGE FERTILITY OR THE UNBORN CHILD.

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

PICTOGRAM(S)



Precautionary Statements

Prevention: P201 - Obtain special instructions before use.

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	P202 - Do not handle until all safety precautions have been read and understood.
	P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.
	P233 - Keep container tightly closed.
	P240 - Ground and bond container and receiving equipment.
	P241 - Use explosion-proof equipment.
	P242 - Use non-sparking tools.
	P243 - Take action to prevent static discharges.
	P261 - Avoid breathing mist/vapours.
	P264 - Wash affected area thoroughly after handling.
	P271 - Use only outdoors or in a well-ventilated area.
	P272 - Contaminated work clothing should not be allowed out of the workplace.
	P280 - Wear protective gloves, clothing, eye and face protection.
	P284 - [In case of inadequate ventilation] wear respiratory protection.
Response:	P301+P310 - IF SWALLOWED: Immediately call a physician or poison control center.
	P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.
	P304+P340+P312 - 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.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P308+P313 - IF exposed or concerned: Get medical attention.
	P331 - Do NOT induce vomiting.
	P333+P313 - If skin irritation or rash occurs: Get medical attention.
	P337+P313 - If eye irritation persists: Get medical attention.
	P342+P311 - If experiencing respiratory symptoms: Call a poison center or physician.
	P362+P364 - Take off contaminated clothing and wash it before reuse.
Storage:	P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.
	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
	P403+P235 - Store in a well-ventilated place. Keep cool.
	P405 - Store locked up.
Disposal:	P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Other hazards Not available.

Classification complies with Canadian Hazardous Products Regulations 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 %*
Solvent naphtha (petroleum), light aliph., <0.1% benzene	64742-89-8	30 - 60
Methyl ethyl ketone	78-93-3	10 - 30
n-Heptane	142-82-5	10 - 30
propyl acetate	109-60-4	5 - 10
Rosin, polymer with phenol	68083-03-4	1 - 5
rosin	8050-09-7	0.1 - 1
propan-1-ol	71-23-8	0.1 - 1
Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane	119-47-1	0.1 - 1
n-Hexane	110-54-3	0.1 - 1

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

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

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.
Most important symptoms and effects (acute and delayed):	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
Indication of any immediate medical attention / special treatment needed:	Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Improper extinguishing agents:	Not available.
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:	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.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Solvent naphtha (petroleum), light aliph., <0.1% benzene	(SKIN) 100 ppm TWA	100 ppm (400 mg/m3) PEL	None	None
Methyl ethyl ketone	(SKIN) 75 ppm TWA 150 ppm STEL	200 ppm (590 mg/m3) PEL	None	None
n-Heptane	400 ppm TWA 500 ppm STEL	500 ppm (2,000 mg/m3) PEL	None	None
propyl acetate	100 ppm TWA 150 ppm STEL	200 ppm (840 mg/m3) PEL	None	None
rosin	0.001 mg/m3 TWA (as total Resin Acids) Inhalable fraction. (Dermal sensitization) (Respiratory sensitization)	None	None	None
propan-1-ol	100 ppm TWA	200 ppm (500 mg/m3) PEL	None	None
n-Hexane	50 ppm TWA (SKIN)	500 ppm (1,800 mg/m3) PEL	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:

Yellow to tan

Odor:

Solvent

Odor threshold:

Not available.

pH:

Not available.

Vapor pressure:

Not available.

Boiling point/range:

79.0 - 116.0 °C (174.2 - 240.8 °F)

Melting point/ range:

Not available.

Density/Relative density:

0.85

Relative vapor density:

Not available.

Flash point:

-9 °C (15.8 °F) no method / method unknown

Flammable/Explosive limits - lower:

Not available.

Flammable/Explosive limits - upper:

Not available.

Autoignition temperature:

Not available.

Flammability:

Not applicable

Evaporation rate:

Not available.

Solubility:

Not available.

Partition coefficient n-octanol/water (logarithmic value):

Not available.

VOC content:

76.4 %; 645 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method)

Dynamic viscosity:

1,000 - 1,400 cp

Kinematic viscosity:

Not available.

Particle characteristics:

Not available.

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

Likely routes of exposure:	Skin, Inhalation, Eyes, Ingestion
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Potential Health Effects/Symptoms

Inhalation:	May cause allergic respiratory reaction. Causes respiratory tract irritation.
Skin contact:	May cause allergic skin reaction. Causes skin irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	May cause an aspiration hazard if swallowed.

Hazardous Component(s)	LD50s and LC50s
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
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
n-Heptane	Inhalation LC50 (Rat, 4 h) = > 73.5 mg/l Inhalation LC50 (Rat, 4 h) = > 29.29 mg/l
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
Rosin, polymer with phenol	None
rosin	None
propan-1-ol	Oral LD50 (Mouse) = 6,800 mg/kg Oral LD50 (Rabbit) = 2.8 g/kg Oral LD50 (Rat) = 1.87 g/kg Inhalation LC50 (Rat, 4 h) = > 13548 ppm
Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane	Oral LD50 (Mouse) = 11,000 mg/kg Oral LD50 (Mouse) = 11,000 mg/kg
n-Hexane	Oral LD50 (Rat) = 28,710 mg/kg

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Solvent naphtha (petroleum), light aliph., <0.1% benzene	Irritant		
Methyl ethyl ketone	Irritant		Central nervous system
n-Heptane	Irritant		Central nervous system
propyl acetate	Irritant		Central nervous system
Rosin, polymer with phenol	Corrosive Irritant	Allergen	Respiratory Skin
rosin	Irritant	Allergen	Respiratory
propan-1-ol	Irritant	Allergen	Central nervous system
Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane	Irritant		
n-Hexane	Irritant		Developmental Lung Nervous System Reproductive

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Solvent naphtha (petroleum), light aliph., <0.1% benzene	No	No	No
Methyl ethyl ketone	No	No	No
n-Heptane	No	No	No
propyl acetate	No	No	No
Rosin, polymer with phenol	No	No	No
rosin	No	No	No
propan-1-ol	No	No	No
Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane	No	No	No
n-Hexane	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
Marine pollutant: Heptanes

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDL 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: This Safety Data Sheet contains changes from the previous version in Section(s): 3,8,11

Prepared by: Product Safety and Regulatory Affairs

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