



Revision Number: 003.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LePage® Poly Super Strippa® Semi-Gel Paint and Varnish Remover
Product use: Stripper
IDH number: 442249
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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: clear
Color: colourless
Odor: of solvent
WHMIS hazard class: B.3, D.1.B, D.2.A, D.2.B

DANGER-POISON!: HARMFUL OR FATAL IF SWALLOWED.
 HARMFUL IF ABSORBED THROUGH SKIN.
 MAY CAUSE BLINDNESS.
 CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

Potential Health Effects

Inhalation: High vapor concentrations may irritate nose, throat, and upper respiratory system. May cause central nervous system effects with nausea, dizziness and headache.
Skin contact: Contact with liquid may produce severe skin irritation including redness and inflammation. May be harmful if absorbed through skin.
Eye contact: Contact with liquid may produce severe eye irritation, causing severe conjunctiva irritation, corneal defects and possibly permanent loss of vision. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Ingestion: Cannot be made non-poisonous. Can cause blindness. If vomiting occurs. Methylene chloride can be aspirated into lungs, which can cause chemical pneumonia and synthetic effects. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful or fatal if swallowed. May be harmful to the liver or kidneys.

Existing conditions aggravated by exposure: Exposure to chlorinated solvents may result in liver, kidney, and heart sensitization. Pre-existing cardiovascular or respiratory conditions. Pre-existing skin, respiratory, central nervous system, liver and kidney conditions may be susceptible. Reports have associated prolonged and repeated occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Methylene chloride	75-09-2	60 - 100
Methanol	67-56-1	10 - 30
1,2,4-Trimethylbenzene	95-63-6	1 - 5
Xylenes	1330-20-7	1 - 5

4. FIRST AID MEASURES

Inhalation:	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention. Administer oxygen or artificial respiration as needed.
Skin contact:	Remove contaminated clothes. Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	Immediately flush eyes with soft jet of water or eye rinse solution for at least 15 minutes. Hold eyelid wide-open. Seek a doctor/hospital, eye flushing should continue during transportation to a doctor.
Ingestion:	Do not induce vomiting, seek medical advice immediately. If vomiting occurs, prevent aspiration by keeping the patient's head below the knees.
Notes to physician:	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

Flash point:	> 38 °C (> 100.4 °F) Pensky Martens closed cup
Autoignition temperature:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Extinguishing media:	Water fog. Foam Carbon dioxide. Dry chemical.
Special firefighting procedures:	Firefighters should wear self-contained breathing apparatus. Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.
Unusual fire or explosion hazards:	Not available.
Hazardous combustion products:	Carbon dioxide. Carbon monoxide. Chlorine. Hydrocarbons. Formaldehyde. Hydrogen chloride. Phosgene.
Sensitivity to Mechanical Impact:	Not available.
Sensitivity to static discharge:	Not available.

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:

Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Absorb spill with inert material. Shovel material into appropriate container for disposal. Flush area with water to remove trace residue.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin and clothing. Use only in well-ventilated areas. When using, do not eat, drink or smoke. Wear suitable protective clothing, safety glasses and gloves. Wash thoroughly after handling. Keep out of the reach of children. Empty container precaution: Attention! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

Storage:

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
Methylene chloride	50 ppm TWA	12.5 ppm OSHA ACT 125 ppm STEL (SKIN) 25 ppm TWA 29 CFR 1910.1052	None	None
Methanol	200 ppm TWA (SKIN) 250 ppm STEL	200 ppm (260 mg/m ³) TWA	None	None
1,2,4-Trimethylbenzene	25 ppm TWA	None	None	None
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m ³) TWA	None	None

Engineering controls:

Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection:

Proper selection of respiratory protection depends upon many factors including duration and level of exposure and conditions of use. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Eye/face protection:

Wear safety glasses with side shields.

Skin protection:

Chemical resistant, impermeable gloves. Neoprene, Butyl-rubber, or nitrile-rubber gloves. Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	clear
Color:	colourless
Odor:	of solvent
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	350 mm hg (20 °C (68°F))
Boiling point/range:	40 °C (104°F)
Melting point/ range:	Not available.
Specific gravity:	1.09
Vapor density:	> 1 (Air = 1)
Flash point:	> 38 °C (> 100.4 °F) Pinsky Martens closed cup
Flammable/Explosive limits - lower:	Not available.

Flammable/Explosive limits - upper: Not available.
Autoignition temperature: Not available.
Evaporation rate: < 1 (Butyl acetate = 1)
Solubility in water: Miscible
Partition coefficient (n-octanol/water): Not available.
VOC content: Not available.
Viscosity: 150 - 270 cp

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.
Hazardous reactions: Will not occur.
Hazardous decomposition products: Oxides of carbon. Formaldehyde. Hydrogen chloride gas.
Incompatible materials: Reactive metals.
Conditions to avoid: Extremes of temperature. Oxidizing conditions. Keep away from sources of ignition and naked flames.

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 components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)	ACGIH Carcinogen
Methylene chloride	Reasonably Anticipated to be a Human Carcinogen.	Group 2B	Yes	Group A3
Methanol	No	No	No	No
1,2,4-Trimethylbenzene	No	No	No	No
Xylenes	No	No	No	Group A4

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Methylene chloride	Oral LD50 (RAT) = 1,600 mg/kg Oral LD50 (RAT) = 3,000 mg/kg Inhalation LC50 (RAT, 15 min) = 2,000 mg/l Inhalation LC50 (RAT, 2 h) = 79 mg/l Inhalation LC50 (RAT, 6 h) = 52 mg/l Inhalation LC50 (RAT, 900 d) = 88 mg/l	Blood, Cardiac, Central nervous system, Corrosive, Irritant, Kidney, Liver, Some evidence of carcinogenicity
Methanol	Oral LD50 (RAT) = 5,628 mg/kg Oral LD50 (rabbit) = 14.4 g/kg Dermal LD50 (rabbit) = 15,800 mg/kg Inhalation LC50 (RAT, 6 h) = 87.5 mg/l Inhalation LC50 (RAT, 4 h) = 64,000 mg/l	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive
1,2,4-Trimethylbenzene	Oral LD50 (RAT) = 6.0 g/kg Dermal LD50 (rabbit) > 3,160 mg/kg Inhalation LC50 (RAT, 48 h) = 2,000 mg/l	Central nervous system, Irritant, Respiratory
Xylenes	Oral LD50 (RAT) = 3,523 - 8,600 mg/kg Oral LD50 (RAT) = 6,670 mg/kg Oral LD50 (RAT) = 4,300 mg/kg Dermal LD50 (rabbit) > 43 g/kg Inhalation LC50 (RAT, 4 h) = 6,350 mg/l	Cardiac, Central nervous system, Irritant, Kidney, Liver

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: FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Dichloromethane)
Hazard class or division: 3 (6.1)
Identification number: UN 1992
Packing group: III

International Air Transportation (ICAO/IATA)

Proper shipping name: Flammable liquid, toxic, n.o.s. (Methanol, Dichloromethane)
Hazard class or division: 3 (6.1)
Identification number: UN 1992
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Dichloromethane)
Hazard class or division: 3 (6.1)
Identification number: UN 1992
Packing group: III
Additional information: IMDG-Code: Segregation group 10- Liquid halogenated hydrocarbons

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDSL Status: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

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: New Material Safety Data Sheet format.

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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