

Material Safety Data Sheet



Revision Number: 001.0

Issue date: 08/30/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LePage® Pro-Tite® Blue Heavy-Duty Spray Adhesive IDH number: 1365481
Product use: Aerosol
Region: Canada
Company address: Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067 Henkel Canada Corporation
2225 Meadowpine Boulevard
Mississauga, Ontario L4N 7P2
Contact information: Telephone: 800.624.7767
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-905-882-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid WHMIS hazard class: A, B2, D2B
Color: Off-white
Odor: Solvent

DANGER: EXTREMELY FLAMMABLE.
VAPOR MAY CAUSE FLASH FIRE.
HARMFUL IF INHALED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May be harmful if inhaled.
Skin contact: Prolonged and/or repeated skin contact may result in mild irritation or redness. Repeated or prolonged contact can result in drying of skin. Symptoms may include redness, burning, drying, cracking and skin burns.
Eye contact: Symptoms can include irritation, redness, scratching of the cornea, and tearing. Mild eye irritation.
Ingestion: May be harmful if swallowed.

Existing conditions aggravated by exposure: Other pre-existing skin conditions. Blood disorders.

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Acetone	67-64-1	10 - 30
n-Hexane	110-54-3	30 - 60
Toluene	108-88-3	5 - 10
Propane	74-98-6	10 - 30
Butane	106-97-8	10 - 30

4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of adverse health effects seek medical advice.

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IDH number: 1366481 Product name: LePage® Pres-Tite® Blue Heavy-Duty Spray Adhesive

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IDH number: 1366481

Product use: Aerosol

Region: Canada Company address: Contact information:

Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 Henkel Canada Corporation 2225 Meadowpine Boulevard Mississauga, Ontario L5N 7P2

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: Liquid WHMIS hazard

class: A, B.2, D.2.B Color: Off white Odor: Solvent

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Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May be harmful if inhaled. Skin contact: Prolonged and/or repeated skin contact may result in mild irritation or redness. Repeated or

prolonged contact can result in drying of skin. Symptoms may include redness, burning, drying, cracking and skin burns. Eye contact: Symptoms can include irritation, redness, scratching of the cornea, and tearing. Mild eye

irritation. Ingestion: May be harmful if swallowed.

Existing conditions aggravated by exposure:

Other pre-existing skin conditions. Blood disorders.

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components CAS NUMBER %

Acetone 67-64-1 10 - 30 n-Hexane 110-54-3 30 - 60 Toluene 108-88-3 5 - 10 Propane 74-98-6 10 - 30 Butane 106-97-8 10 - 30

4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of adverse health effects seek medical advice.

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Skin contact: Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention. Remove contaminated clothes.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: If material is ingested, immediately contact a physician or poison control center. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

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: Not available.

Autoignition temperature: Not available.

Flammable/Explosive limits - lower: Not available.

Flammable/Explosive limits - upper: Not available.

Extinguishing media: Carbon dioxide. Alcohol-resistant foam Dry powder.

Special firefighting procedures: Not available.

Unusual fire or explosion hazards: Not available.

Hazardous combustion products: Not available.

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: Not available.

Clean-up methods: Absorb spill with inert material. Shovel material into appropriate container for disposal. Follow all local, state, federal and provincial regulations for disposal.

7. HANDLING AND STORAGE

Handling: Keep out of the reach of children. Keep in a cool, well ventilated area.

Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains. Avoid skin and eye contact. Avoid breathing vapors or mists of this product. Do not puncture or incinerate pressurized containers.

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.

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Hazardous components ACGIH TLV OSHA PEL AIHA WEEL OTHER

Acetone

500 ppm TWA 750 ppm STEL
1,000 ppm (2,400 mg/m³) TWA

None None

n-Hexane

(SKIN) 50 ppm TWA
500 ppm (1,800 mg/m³) TWA

None None

Toluene 20 ppm TWA

200 ppm TWA 300 ppm Ceiling 500 ppm MAX. CONC 10 minutes

None None

Propane 1,000 ppm TWA

1,000 ppm (1,800 mg/m³) TWA

None None

Butane 1,000 ppm TWA None None None

Engineering controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Respiratory protection: Use a NIOSH approved respirator if ventilation is inadequate.

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Protective clothing that covers arms and legs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid **Color:** Off white **Odor:** Solvent **Odor threshold:** Not available. **pH:** Not applicable **Vapor pressure:** Not available. **Boiling point/range:** Not available. **Melting point/ range:** Not available. **Specific gravity:** 0.6350 - 0.6550 **Vapor density:** Not available. **Flash point:** Not available. **Flammable/Explosive limits - lower:** Not available. **Flammable/Explosive limits - upper:** Not available. **Autoignition temperature:** Not available. **Evaporation rate:** Not available. **Solubility in water:** insoluble in water **Partition coefficient (n-octanol/water):** Not available. **VOC content:** 52.77 %

10. STABILITY AND REACTIVITY

Stability: Not available.

Hazardous reactions: Will not occur.

Hazardous decomposition products: Carbon dioxide. Carbon monoxide. Hydrocarbons.

Incompatible materials: Acids. Strong oxidizing agents.

Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Toxicologically synergistic products: 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

Acetone No No No Group A4 n-Hexane No No No No Toluene No No No Group A4 Propane No No No No Butane No No No No

Hazardous components LD50s and LC50s Health Effects/Target Organs

Acetone

Oral LD50 (RAT) = 5,800 mg/kg Oral LD50 (rabbit) = 5,340 mg/kg Oral LD50 (RAT) = 9,800 mg/kg Dermal LD50 (rabbit) = 20,000 mg/kg Dermal LD50 (rabbit) = 20 mg/kg Inhalation LC50 (RAT, 4 h) = 76 mg/l Inhalation LC50 (RAT, 8 h) = 50.1 mg/l

Blood, Central nervous system, Irritant, Reproductive

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

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

Propane

Inhalation LC50 (RAT, 15 min) = 1,464 mg/l Inhalation LC50 (RAT, 15 min) = 1,442.847 mg/l

Cardiac, Central nervous system, Irritant

Butane Inhalation LC50 (RAT, 4 h) = 658 mg/l Cardiac, Central nervous system, Irritant

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: AEROSOLS Hazard class or division: 2.1 Identification number: UN 1950 Packing group: None

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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 Hazard class or division: 2.1 Identification number: UN 1950 Packing group: None

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 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.

Prepared by: Karim Nasr, Regulatory Affairs Specialist

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