

Material Safety Data Sheet



Revision Number: 001.0

Issue date: 02/01/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LePage Plastic Wood Filler
Product use: WoodFiller
IDH number: 1105356
Region: Canada
Company address: Henkel Canada Corporation
2225 Meadowpine Boulevard
Mississauga, Ontario L5N 7P2
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: Paste
Color: Cream
Odor: Acetone
WHMIS hazard class: B.2, D.2.A, D.2.B

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

Relevant routes of exposure: Inhalation, Skin contact

Potential Health Effects

Inhalation: Irritates the nose, throat and respiratory system. Exposure to high doses may cause central nervous system depression. Such doses may also cause adverse effects in the liver, kidneys, and lungs. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Skin contact: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
Eye contact: Contact with eyes can cause eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Existing conditions aggravated by exposure: Eye, skin and respiratory disorders.

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components | CAS NUMBER | % |
|----------------------|------------|---------|
| Acetone | 67-64-1 | 10 - 30 |
| Methyl ethyl ketone | 78-93-3 | 5 - 10 |
| Ethanol | 64-17-5 | 1 - 5 |
| n-Butyl acetate | 123-86-4 | 1 - 5 |

4. FIRST AID MEASURES

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| Inhalation: | If inhaled, immediately remove the affected person to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention. |
| Skin contact: | Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. |
| 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 immediately. |

5. FIRE FIGHTING MEASURES

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| Flash point: | -15 °C (5°F) no method5 °F (-15°C) no method |
| Autoignition temperature: | Not available |
| Flammable/Explosive limits - lower: | 1 % |
| Flammable/Explosive limits - upper: | 6.5 % |
| Extinguishing media: | Foam, dry chemical or carbon dioxide. In case of fire, keep containers cool with water spray. |
| Special firefighting procedures: | Wear a self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode. Wear full protective clothing. |
| Unusual fire or explosion hazards: | Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors are heavier than air and may travel along floor to an ignition source. |
| Hazardous combustion products: | Carbon dioxide. Carbon monoxide. |
| 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.

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|-----------------------------------|---|
| Environmental precautions: | Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Ventilate area. |
| Clean-up methods: | Absorb spill with inert material. Shovel material into appropriate container for disposal. Wear suitable protective clothing, gloves and eye/face protection. |

7. HANDLING AND STORAGE

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| Handling: | Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. Use only in well-ventilated areas. Keep out of the reach of children. |
| Storage: | Keep away from heat, spark and flame. Keep containers closed when not in 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 |
|----------------------|-----------------------------|--|-----------|-------|
| Acetone | 500 ppm TWA 750 ppm STEL | 1,000 ppm (2,400 mg/m ³) TWA | None | None |
| Methyl ethyl ketone | 200 ppm TWA 300 ppm STEL | 200 ppm (590 mg/m ³) TWA | None | None |
| Ethanol | 1,000 ppm STEL | 1,000 ppm (1,900 mg/m ³) TWA | None | None |
| n-Butyl acetate | 150 ppm TWA 200 ppm STEL | 150 ppm (710 mg/m ³) TWA | None | None |

Engineering controls:

Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection:

Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists. When workplace hazards warrant the use of a respirator, appropriate respirators must be used, and a program that follows 29 CFR 1910.134 must be followed.

Eye/face protection:

Safety goggles or safety glasses with side shields.

Skin protection:

Suitable protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|---|
| Physical state: | Paste |
| Color: | Cream |
| Odor: | Acetone |
| Odor threshold: | Not available |
| pH: | not applicable |
| Vapor pressure: | 155 mm hg (20 °C (68°F)) |
| Boiling point/range: | 65 - 121 °C (149°F - 249.8 °F) |
| Melting point/ range: | Not available |
| Specific gravity: | 1.101 |
| Vapor density: | Heavier than air |
| Flash point: | -15 °C (5°F) no method 5 °F (-15°C) no method |
| Flammable/Explosive limits - lower: | 1 % |
| Flammable/Explosive limits - upper: | 6.5 % |
| Autoignition temperature: | Not available |
| Evaporation rate: | 4.8 (Butyl acetate = 1) |
| Solubility in water: | Insoluble |
| Partition coefficient (n-octanol/water): | Not available |
| VOC content: | 32 %; 370 g/l (calculated) |

10. STABILITY AND REACTIVITY

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|-----------------------------------|--|
| Stability: | Stable under normal conditions of storage and use. |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion. |
| Incompatible materials: | Strong oxidizing agents. |
| Conditions to avoid: | Heat, flames, sparks and other sources of ignition. |

11. TOXICOLOGICAL INFORMATION

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|---------------------------------------|---------------|
| 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 |
|----------------------|----------------|-----------------|--|------------------|
| Acetone | No | No | No | Group A4 |
| Methyl ethyl ketone | No | No | No | No |
| Ethanol | No | No | No | Group A3 |
| n-Butyl acetate | 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 |
| Methyl ethyl ketone | 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 Inhalation LC50 (RAT, 4 h) = 11,700 mg/l | Irritant, Central nervous system |
| Ethanol | Oral LD50 (RAT) = 9.9 g/kg Oral LD50 (RAT) = 7,060 mg/kg Oral LD50 (RAT) = 10.6 g/kg Oral LD50 (RAT) = 17.8 g/kg Oral LD50 (RAT) = 11.5 g/kg Oral LD50 (RAT) = 6.2 g/kg Inhalation LC50 (RAT, 10 h) = 20,000 mg/l | Irritant, Central nervous system |
| n-Butyl acetate | Oral LD50 (RAT) = 14,000 mg/kg Oral LD50 (RAT) = 14,130 mg/kg Inhalation LC50 (rat, 4 h) = 160 mg/l | Irritant, Central nervous system |

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

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
Exceptions: Consumer Commodity, ID 8000, Class 9, (Not more than 5 L)

Water Transportation (IMO/IMDG)

| | |
|---------------------------|---------------------------------------|
| Proper shipping name: | ADHESIVES |
| Hazard class or division: | 3 |
| Identification number: | UN 1133 |
| Packing group: | II |
| Exceptions: | Limited quantity (Not more than 5 L). |

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: Not available

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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