



LEXCOR MATERIAL SAFETY DATA SHEET

DATE PREPARED: 06/24/2014

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME

PERMATE SUMMER GRADE FIREPROOF ADHESIVE

SUPPLIER NAME AND ADDRESS

Lexsuco 2010 Corporation
3275 Orlando Dr.
Mississauga, ON L4V 1C5
Tel: 905.792.8300 Fax: 905.792.8305

EMERGENCY TELEPHONE NUMBER:

CHEMTREC: 1-800-424-9300 (24 hours every day)

SECTION 2 - HAZARDS IDENTIFICATION

CAUTION!

Vapour may cause light-headedness, headache, nausea, drowsiness, loss of coordination and respiratory tract irritation. Causes eye and skin irritation.

Appearance/Odour:

Black liquid with chlorinated solvent odour

Primary Routes(s) Of Entry:

Inhalation

Eye Hazards:

May cause irritation (burning, tearing, redness or swelling).

Skin Hazards:

May cause skin irritation, defatting and dermatitis upon prolonged contact.

Ingestion Hazards:

May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.

Inhalation Hazards:

Exposure to vapours may cause respiratory tract irritation. Inhalation of vapours or mists may cause central nervous system depression, dizziness, fatigue, nausea, alcohol-like intoxication, and unconsciousness.

Chronic/Carcinogenicity Effects:

This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS #	Wt %
Petroleum Asphalt	8052-42-4	50-70
Trichloroethylene	79-01-6	20-40

SECTION 4 - FIRST AID MEASURES

- Eye:** In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention.
- Skin:** Remove contaminated clothing and shoes. Wash affected areas with soap and water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.
- Ingestion:** Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.
- Inhalation:** Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	not available °F not available °C
Flammability Class:	not flammable
Lower Explosive Limit:	8.0
Upper Explosive Limit:	52.0
Fire And Explosion Hazards:	During a fire, irritating and highly toxic gases may be generated.
Extinguishing Media:	Chemical foam, carbon dioxide (CO ₂), dry chemical. Water fog for large fires.
Fire Fighting Instructions:	Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose of in accordance with applicable regulations. Avoid runoff to waterways and sewers.

SECTION 7 - HANDLING & STORAGE

Handling And Storage Precautions: Store in a cool, dry, well-ventilated area. Keep away from ignition sources. Use only with adequate ventilation.

SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering Controls:	Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.
Eye/Face Protection:	Safety glasses with side shields or goggles recommended.
Skin Protection:	Use with chemical-protective gloves (solvent-resistant) to prevent skin contact.
Respiratory Protection:	Airborne exposures to hazardous vapours or mists may be generated by spraying or use in confined spaces.

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapour cartridge. Occupational Exposure Limits for individual ingredients (if available) are listed below.

Ingredient(s) - Exposure Limits:

Petroleum Asphalt:	OSHA PEL-TWA 5mg/m ³ ACGIH TLV-TWA 0.5mg/m ³ (Benzene soluble aerosol)
Trichloroethylene:	ACGIH TLV-TWA 10 ppm ACGIH TLV-STEL 25 ppm OSHA PEL-TWA 50 ppm OSHA STEL-TWA 200 ppm

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Black liquid
Odour:	Chlorinated solvent odour
Chemical Type:	Mixture
Physical State:	Liquid
Boiling Point:	Approximately 187 °F approximately 86 °C
Specific Gravity:	1.18-1.22
Percent Volatiles:	20-40%
Vapour Pressure:	58 mmHg@20 °C
Vapour Density:	4.54
pH Factor:	Not applicable

Solubility: Insoluble
Evaporation Rate: Approximately 3

SECTION 10 - STABILITY & REACTIVITY

Stability: Stable
Hazardous Polymerization: Not expected to occur
Conditions To Avoid (Stability): Keep away from ignition sources, heat, sparks and flames.
Incompatible Materials: Avoid contact with strong acids, strong bases, strong oxidizers, chemically active metals, copper, aluminum powder, aluminum chloride, potassium nitrate, and strong reducing agents.
Hazardous Decomposition Products: Toxic and irritating gases or vapours including hydrogen chloride, phosgene, chlorine, carbon monoxide (CO), carbon dioxide (CO₂), and oxides of nitrogen and sulfur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Chronic/Carcinogenicity: Trichloroethylene is present in this product at concentrations equal to or greater than 0.1%, and has been determined to be carcinogenic as follows: IARC: Group 2A NTP: listed, and ACGIH: A2
Miscellaneous Toxicological Information: Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

SECTION 12 - ECOLOGICAL INFORMATION

None identified.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable federal, state and local government regulations.

SECTION 14 - TRANSPORT INFORMATION

Ground or Water (Domestic Voyage)

If shipped in containers < 4 L (1.06 gallons)

USA Consumer Commodity, ORM-D
Canada Ltd. Qty.

If shipped in containers >4 L (1.06 gallons)

Both UN2810, Toxic liquid, organic n.o.s., (Trichloroethylene mixture), 6.1, III
IMDG UN2810, Toxic liquid, organic n.o.s., (Trichloroethylene mixture), 6.1, III
IATA UN2810, Toxic liquid, organic n.o.s., (Trichloroethylene mixture), 6.1, III

TDG - Canada (Pictograms)



SECTION 15 - REGULATORY INFORMATION

U.S. Regulatory Information

Warning: This product contains a substance(s) known to the State of California to cause cancer.

Ingredient(s) - State Regulations

Petroleum Asphalt
California - Proposition 65

Canadian Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Class D, Div 1 - Poisonous or Infectious Material: immediate and serious toxic effects, Class D, Div 2, Subdivision A - Materials Causing Other Toxic Effects, Very Toxic Material at greater than or equal to 0.1%

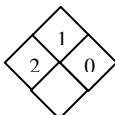
Ingredient(s) - Canadian Regulatory Information

Trichloroethylene
WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	

SECTION 16 - OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Reference: *The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier issued material safety data sheets and may be subject to error. If apprised of changes, updated MSDS will be promptly issued. Users must make their own determination regarding the suitability of the product for their own purposes prior to use.*

Prepared by Lexsuco 2010 Corporation.