



LEXCOR MATERIAL SAFETY DATA SHEET

DATE PREPARED: 03/24/15

SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME

PERMATE ULTRA-R VAPOUR BARRIER

SUPPLIER NAME AND ADDRESS

Lexsco Corporation
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Product Identifier: Vapour barrier of paper coated with aluminum polyethylene file.

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Ingredient	Conc.	CAS No.	Exposure Guidelines	LD50	LC50
Paper	61%	9004-34-6	10 mg/m ³ (ACGIH TLV)	N/A	N/A
Aluminum	24%	7429-90-5	1 mg/m ³ Respirable (ACGIH TLV)	N/A	N/A
Polyethylene	14%	9002-88-4	10 mg/m ³ Inhalable, 3 mg/m ³ respirable (ACGIH TLV for Particles Not otherwise Specified)	N/A	N/A
Silica, crystalline	<1%	14808-60-7	0.025 mg/m ³ Respirable (ACGIH TLV)	N/A	N/A

SECTION 3 - PHYSICAL DATA

Physical State: Solid
Odour & Appearance: No odour. Brown paper coated with aluminum polyethylene film on one side.
Odour Threshold: Not applicable
Specific Gravity: Not available
Solubility: Not soluble in water
Vapour Pressure: Not applicable
Boiling Point (°C): Not applicable
Freezing Point(°C): Not applicable
pH: Not applicable
Vapour Density (air=1): Not applicable
Evaporation Rate (BuAe=1): Not applicable
Percent Volatile (by volume): None

SECTION 4 - FIRE EXPLOSION HAZARD

Conditions of Flammability: Paper layer will ignite and burn if exposed to flame. Above 315°C polyethylene will decompose.
Means of Extinction: Water, foam, dry chemical, sand

Flashpoint (°C):	Not applicable
Upper Flammability Limit:	Not applicable
Lower Flammability Limit:	Not applicable
Auto-ignition Temperature (°C):	Paper - 233°C Polyethylene - 330-410°C
Hazardous Combustion Products:	aluminum oxide, CO, CO2, ammonia, cyanuric acid, biurea, urazole, oxides of nitrogen, organic acids, aldehydes and alcohols
Explosion data - sensitivity to mechanical impact:	Not sensitive
Explosion data - sensitivity to static discharge:	Not sensitive

SECTION 5 - REACTIVITY DATA

Stability:	Stable at ambient temperatures
Incompatibility:	Strong oxidizing chemicals
Conditions of Reactivity:	Avoid direct contact with flame. Will not polymerize.
Hazardous Decomposition Products:	aluminum oxide, CO, CO2, ammonia, cyanuric acid, biurea, urazole, oxides of nitrogen, organic acids, aldehydes and alcohols combustion products if involved in a fire

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry:	Minimal nuisance cellulose dust from paper component from normal use. If the polymer was ground to a dust of respirable size and inhaled (an unlikely scenario) inhalation of free azodicarbonamide dust may cause respiratory sensitization and asthma. Crystalline silica in the polyethylene film is not expected to be free to cause an exposure, but crystalline silica is classified as a carcinogen by IARC (Group 2A).
Effects of Acute Exposure:	No known effects under normal use
Effects of Chronic Exposure:	No known effects under normal use
Irritancy:	During routine use, paper dust is anticipated to be the primary inhaled contaminant, which may cause irritation.
Sensitization:	Not a known sensitizer. See routes of entry regarding dust.
Carcinogenicity:	Crystalline silica is classified as probably carcinogen to humans on limited data by IARC (Group 2A). A suspected human carcinogen (A2) by the ACGIH.
Mutagenicity:	Not available
Teratogenicity:	Not available
Reproductive toxicity:	Not available
Toxicologically synergistic products:	Not available

SECTION 7 - PREVENTATIVE MEASURES

Personal Protective Equipment

Gloves:	Leather or cotton
Respirator:	Not normally necessary
Eye:	Safety glasses are recommended
Footwear:	Construction grade safety footwear
Other Equipment:	Not applicable
Engineering Controls:	Not applicable
Leak & Spill Protection:	Not applicable
Waste Disposal:	Landfill.
Handling Procedures:	Keep away from flames or high temperatures. Install as per article 9.25.4.3 from the National Building Code of Canada, 1995
Storage Requirements:	Store in a cool, dry location away from high temperatures to avoid combustion.
Special Shipping Information:	Refer to product information. Not a hazardous material as per Canadian Transport of Dangerous Goods Act.

SECTION 8 - FIRST AID MEASURES

- Inhalation:** If exposed to combustion products, remove victim from the exposure. Seek medical aid for significant exposure to combustion products.
- Ingestion:** Ingestion should not occur under normal use. Not likely to be hazardous by ingestion, but seek medical aid if ingested.
- Eye Contact:** Dust may irritate the eyes. Flush with water to remove dust.
- Skin Contact:** Routine first aid treatment for cuts and abrasions from handling and cutting paper rolls.

SECTION 9 - 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.