

LEXCAN MATERIAL SAFETY DATA SHEET

DATE PREPARED: 03/01/09

(3 Pages)

MSDS No: R6-F0038

SECTION I (I) - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

EPDM MEMBRANE

Chemical Family: *Vulcanized EPDM Rubber*

Product Use: *Roofing Membrane*

Formula: *Mixture*

SUPPLIER NAME AND ADDRESS

*Lexcan Industrial Supply Limited
52 Bramwin Court
Brampton, Ontario L6T 5G2
Tel: 905-792-8300 Fax: 905-792-8305*

EMERGENCY TELEPHONE NUMBER:

CANUTEC 613-996-6666 (24 hours everyday)

Regulatory Information Number:

Tel: 1-877-792-8308

SECTION 2 (II) (A) – HAZARDOUS INGREDIENTS

<u>HAZARDOUS INGREDIENT</u>	<u>CAS #</u>	<u>%</u>	<u>PEL (ppm)</u>		<u>SKIN CEILING</u>	<u>DESIGNATION</u>	<u>LD50 of Ingredient</u>	<u>LD50 of Ingredient</u>
			<u>TWA</u>	<u>STEL</u>			<u>(SPECIFY SPECIES & ROUTE)</u> <u>(mg / kg)</u>	<u>(SPECIFY SPECIES)</u> <u>(ppm / 4H)</u>
Carbon Black	1333-06-4	27.5–30.8	3.5 mg/m ³		(as dust)	N/E	N/E	N/E
Kaolin Clay	1332-58-7	6.3	5 mg/m ³		(as dust)	N/E	N/E	N/E
Zinc Oxide	1314-13-2	0.8				N/E	N/E	N/E

N/E = Not Established

N/A = Not Applicable

H = Hours

SECTION 2 (II) (B) – ADDITIONAL INGREDIENTS (> 3%)

INGREDIENT(S)

CAS NUMBER

*EPDM Polymer 25038-36-2
Petroleum Hydrocarbon Oil 64742-01-4
Ground Coal 125612-26-2*

SECTION 3 (III) – PHYSICAL DATA

PHYSICAL STATE: <i>Solid</i>	ODOUR & APPEARANCE: <i>Rubber-like odour</i>	VOC (grams/litre): <i>N/A</i>
ODOUR THRESHOLD (ppm): <i>N/A</i>	VAPOUR PRESSURE (mmHg): <i>N/A</i>	VAPOUR DENSITY (AIR=1): <i>N/A</i>
EVAPORATION RATE (nBuAc=1): <i>N/A</i>	BOILING POINT (°C): <i>N/A</i>	FREEZING POINT (°C): <i>N/A</i>
pH: <i>N/A</i>	SPECIFIC GRAVITY: <i>1.14</i>	COEFF WATER / Oil Dist.: <i>N/A</i>
SOLUBILITY IN WATER: <i>Insoluble</i>	VOLATILES BY WT. (%): <i>N/A</i>	COROSIVITY: <i>N/A</i>

SECTION 4 (IV) – FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY: YES () NO (X) - *If Yes, under which conditions?*

FLASH POINT (°C) & METHOD: *Above 260° C - Open Cup.*

AUTO-IGNITION TEMPERATURE (°C): *N/E*

LOWER FLAMMABLE LIMIT (% by Vol): *N/E*

UPPER FLAMMABLE LIMIT (% by Vol): *N/E*

HAZARDOUS COMBUSTION PRODUCTS: *Toxic gases or vapours such as carbon monoxide, carbon dioxide or oxides of nitrogen may be released in a fire.*

EXPLOSION DATA

SENSITIVITY TO IMPACT: *None Known.*

SENSITIVITY TO STATIC DISCHARGE: *None Known.*

EXTINGUISHING MEDIA: *Standard fire extinguisher – water fog followed by coarse stream.*

SPECIAL FIRE FIGHTING PROCEDURES: *Wear respirator, and avoid breathing smoke.*

UNUSUAL FIRE AND EXPLOSION HAZARDS: *None Known.*

NFPA RATING: HEALTH - 0, FLAMMABILITY - 0, REACTIVITY - 0

SECTION 5 (V) – REACTIVITY DATA

CHEMICAL STABILITY: *Stable.*

CONDITIONS TO AVOID: *Open Flame.*

INCOMPATIBILITY (MATERIALS TO AVOID): *None.*

HAZARDOUS DECOMPOSITION PRODUCTS: *Toxic gases or vapours such as carbon monoxide, carbon dioxide or oxides of nitrogen may be released in a fire.*

HAZARDOUS POLYMERIZATION: *Will not occur.*

SECTION 6 (VI) – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: *Skin Contact (X) Skin Absorption () Eye Contact () Inhalation () Ingestion ()*

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: *Possible skin irritation on contact.*

EFFECTS OF CHRONIC EXPOSURE: *Possible skin irritation on contact.*

EXPOSURE LIMITS: *N/E*

IRRITANCY OF PRODUCT: *May irritate skin.*

SENSITIZATIONS TO PRODUCT: *May cause skin sensitization in certain people.*

CARCINOGENICITY: *No Evidence.*

TERATOGENICITY: *No Evidence.*

REPRODUCTIVE TOXICITY: *No Evidence.*

MUTAGENICITY: *No Evidence.*

SYNERGISTIC PRODUCTS: *None Known.*

TUMORIGENICITY: *No Evidence.*

SECTION 7(VII) – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES: *Gloves are recommended to prevent skin contact.*

RESPIRATOR: *None.*

EYES: *None.*

FOOTWEAR: *None.*

CLOTHING: *None.*

OTHER: *None.*

ENGINEERING CONTROLS (eg: Ventilation, Enclosed Process): *None required.*

LEAK OR SPILL PROCEDURE: *Handle as normal solid waste.*

WASTE DISPOSAL: *Dispose of in accordance with all local, state and federal regulations.*

HANDLING PROCEDURES AND EQUIPMENT: *None required.*

STORAGE REQUIREMENTS: *None required.*

SPECIAL SHIPPING INFORMATION: *None.*

SECTION 8 (VIII) – FIRST AID MEASURES

SPECIFIC MEASURES

SKIN: *Wash with soap and water. Get medical attention if reaction develops and irritation persists.*

SECTION 9 (IX) – ADDITIONAL REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372: Zinc Oxide, CAS #: 1314-13-2, 0.8%

CALIFORNIA PROPOSITION 65

This product contains the following chemicals known to the State of California to cause cancer: *None*

SECTION 10 (X) – PREPARATION 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: LEXCAN INDUSTRIAL SUPPLY LIMITED • TEL: (905) 792-8300 • TOLL FREE: 1-877-792-8308

Supplied in New Zealand By:  **waterproofing systems**
KEEPING YOU WATERTIGHT

Head Office
PO Box 35-190
Christchurch 8640
New Zealand
PH: +64 3 366 9495
FAX: +64 3 366 9496