

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

TPO MEMBRANE

STANDARD HS, EXTRA and FLEECE BACK

Chemical Family: Polyolefinic Copolymer with Flame Retardant

Product Use: Molecular Bonded Polyolefin Roof Membrane

Formula: Mixture

SUPPLIER NAME AND ADDRESS

Lexcan Industrial Supply Limited
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Brampton, Ontario L6T 5G2
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EMERGENCY TELEPHONE NUMBER:

CANUTEC 613-996-6666 (24 hours everyday)

Regulatory Information Number:

Tel: 1-877-792-8308

SECTION 2 (II) (A) - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT (S)

Pigments, additives, flame retardants, and stabilizers are fully encapsulated in polymer and are not expected to cause any hazardous conditions when used in accordance with Lexcan's roof application procedures. Any hazardous ingredients listed in Section II (A) are those identified as being present at a concentration of 1% or greater.

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

INGREDIENT(S)

Polyolefinic Copolymers
Rubber Modifiers
Stabilizers

CAS NUMBER

not available
not available
not available

SECTION 3 (III) - PHYSICAL DATA

PHYSICAL STATE: Solid

ODOUR THRESHOLD (ppm): N/A

EVAPORATION RATE (nBuAc=1): N/A

pH: N/A

SOLUBILITY IN WATER: None

ODOUR & APPEARANCE: White on Black Sheet **VOC (grams/litre):** N/A

VAPOUR PRESSURE (mmHg): N/A

BOILING POINT (°C): N/A

SPECIFIC GRAVITY: 0.95 – 1.05

VOLATILES BY WT. (%): < 0.4

VAPOUR DENSITY (AIR=1): N/A

FREEZING POINT (°C): >120°C

COEFF WATER / Oil Dist.: N/A

COROSIVITY: N/A

SECTION 4 (IV) – FIRE AND EXPLOSION HAZARD DATA

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

FLASH POINT (°C) & METHOD: Above 329° C Setchkin

AUTO-IGNITION TEMPERATURE (°C): >357°

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 and other organic compounds may be released in a fire.

EXPLOSION DATA

SENSITIVITY TO IMPACT: None Known.

SENSITIVITY TO STATIC DISCHARGE: None Known.

EXTINGUISHING MEDIA: Water Spray, Dry Chemical, Foam, or Carbon Dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Standard procedures for Class A fires. Use self-contained breathing apparatus (SCBA) and protective clothing for structural fire fighting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: High temperature may liberate toxic gases. Do not breathe smoke or fumes.

NFPA RATING: HEALTH - n/a FLAMMABILITY - n/a REACTIVITY - n/a

SECTION 5 (V) – REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Open Flame

INCOMPATIBILITY (MATERIALS TO AVOID): Any strong oxidizing agent.

HAZARDOUS DECOMPOSITION PRODUCTS: Gases or vapours such as carbon monoxide, carbon dioxide, nitrogen oxides and other organic compounds 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 (X) Inhalation (X) Ingestion ()

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Possible eye and skin irritation on contact. There is possible mouth, nose and throat irritation from vapour when hot during hot air welding.

EFFECTS OF CHRONIC EXPOSURE: Possible eye and skin irritation on contact. Inhalation of vapour from this product may be associated with respiratory problems.

EXPOSURE LIMITS:

SENSITIZATIONS TO PRODUCT:

TERATOGENICITY: No Evidence.

MUTAGENICITY: No Evidence.

TUMORIGENICITY:

IRRITANCY OF PRODUCT:

CARCINOGENICITY: No

REPRODUCTIVE TOXICITY: No Evidence.

SYNERGISTIC PRODUCTS: None Known.

SECTION 7(VII) - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES:

RESPIRATOR: *NIOSH approved respirator is recommended if exposure to welding vapour exceeds acceptable limits.*

EYES: *Wear sunglasses to filter out ultraviolet light since the membrane surface is highly reflective.*

FOOTWEAR: *Work Boots*

CLOTHING: *Work clothing*

OTHER: *Sunscreen recommended to protect skin from reflected sunlight.*

ENGINEERING CONTROLS (eg: Ventilation, Enclosed Process): *Provide adequate ventilation.*

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

WASTE DISPOSAL: *Dispose of in accordance with all local, state and federal regulations. This product is not readily biodegradable.*

HANDLING PROCEDURES AND EQUIPMENT: *Keep away from sparks and open flame.*

STORAGE REQUIREMENTS: *This product may react with strong oxidizing agents and should not be stored near such materials. Store in sprinklered warehouse. Store product below 60°C (140°F) for quality control purposes.*

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.*

EYE: *In case of contact with eyes, immediately flush them with plenty of water for 15 minutes. Call a physician.*

INHALATION: *Remove victim from the exposure area. Give oxygen and seek medical attention if breathing is difficult.*

SECTION 9 (IX) - ADDITIONAL REGULATORY INFORMATION

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.*

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