

LEXCAN MATERIAL SAFETY DATA SHEET

DATE PREPARED: 03/01/09

(6 Pages)

MSDS No: 303.0393966-002.002

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

LEXCAN PRODUCT NAME

T-610 OVERLAY TAPE (6" LEXSEAM)

Product Code : 585956

General or Generic ID: Rubber Tape

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 - COMPOSITION / INFORMATION ON INGREDIENTS

| <u>INGREDIENT(S)</u> | <u>CAS NUMBER</u> | <u>% (BY WEIGHT)</u> |
|--------------------------|-------------------|----------------------|
| Olefin Polymer | Trade Secret | 37.0 - 41.0 |
| Butyl Rubber | Trade Secret | 31.0 - 35.0 |
| Talc | 14807-96-6 | 6.0 - 10.0 |
| Carbon Black | 1333-86-4 | 2.0 - 7.0 |
| Phenolic Resin | Trade Secret | 2.0 - 7.0 |
| Rubber Accelerator | Trade Secret | 2.0 - 6.0 |
| Zinc Oxide | 1314-13-2 | 1.0 - 5.0 |
| Benzoquinone Dioxime | 105-11-3 | 1.0 - 4.0 |
| Manganese Dioxide (MNO2) | 1313-13-9 | 1.0 - 4.0 |

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE: Dust can cause eye irritation. Symptoms include stinging, tearing, redness and swelling of eyes.

SKIN: May cause mild skin irritation. Symptoms may include redness and burning of skin. This material is unlikely to pass into the body through the skin.

SWALLOWING: This material is not likely to be swallowed.

INHALATION: Breathing this material is unlikely.

SYMPTOMS OF EXPOSURE: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose throat, airways).

TARGET ORGAN EFFECTS: No Data.

DEVELOPMENTAL INFORMATION: There is no data available for assessing risk to the fetus from maternal exposure to this material.

CANCER INFORMATION: *In a cancer study conducted by the National Cancer Institute, lifetime feeding with benzoquinone dioxime caused an increased incidence of bladder cancer in female rats, but not in male rats or in mice of either sex. It is not listed as carcinogenic by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration. Carbon black has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. It is listed as a carcinogen by the International Agency for Research on Cancer (IARC). Epidemiological studies of the incidence of cancer, cardiovascular or respiratory disease in workers in the carbon black producing industry have shown no significant health effects due to occupational exposure to carbon black.*

OTHER HEALTH EFFECTS: *No Data.*

PRIMARY ROUTE(S) OF ENTRY: *Skin contact.*

SECTION 4 - FIRST AID MEASURES

EYES: *If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.*

SKIN: *Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse. First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.*

SWALLOWING: *No Data.*

INHALATION: *First aid is not normally required. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention.*

NOTE TO PHYSICIANS: *Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lungs (for example: asthma-like conditions).*

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: *Not applicable.*

EXPLOSIVE LIMIT: *No Data.*

AUTO-IGNITION TEMPERATURE: *No Data.*

HAZARDOUS PRODUCTS OF COMBUSTION: *May form: carbon dioxide and carbon monoxide, phenols, various hydrocarbons, zinc oxide fumes.*

FIRE AND EXPLOSION HAZARDS: *No special fire hazards are known to be associated with this product.*

EXTINGUISHING MEDIA: *Regular foam (such as AFFF), water fog, carbon dioxide, and dry chemical.*

FIRE FIGHTING INSTRUCTIONS: *Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).*

NFPA RATING: **HEALTH - 0,** **FLAMMABILITY - 1,** **REACTIVITY - 0**

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SMALL SPILL: *No Data.*

LARGE SPILL: *This material is a solid or a semi-solid, and is not likely to spill or flow.*

SECTION 7 - HANDLING AND STORAGE

HANDLING: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapour, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.

STORAGE: Do not store near extreme heat, open flame or sources of ignition.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative).

SKIN PROTECTION: Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product. Wear normal work clothing, covering arms and legs.

RESPIRATORY PROTECTION: Not required under normal conditions of use.

ENGINEERING CONTROLS: Not required under normal conditions of use.

EXPOSURE GUIDELINES

COMPONENT

OLEFIN POLYMER: No exposure limits established.

BUTYL RUBBER: No exposure limits established.

TALC (14807-96-6):

OSHA PEL 0.000 - TWA

OSHA VPEL 2.000 mg/m³ - TWA Respirable dust (less than 1 % crystalline silica)

ACGIH TLV 2.000 mg/m³ - TWA

CARBON BLACK (1333-86-4):

OSHA PEL 3.500 mg/m³ - TWA

OSHA VPEL 3.500 mg/m³ - TWA

ACGIH TLV 3.500 mg/m³ - TWA

PHENOLIC RESIN: No exposure limits established.

RUBBER ACCELERATOR: No exposure limits established

ZINC OXIDE (1314-13-2):

OSHA PEL 5.000 mg/m³ - TWA Respirable fraction

OSHA PEL 15.000 mg/m³ - TWA Total dust

OSHA PEL 5.000 mg/m³ - TWA Fume

OSHA VPEL 5.000 mg/m³ - TWA Respirable fraction

OSHA VPEL 10.000 mg/m³ - TWA Total Dust

OSHA VPEL 5.000 mg/m³ - TWA Fume

OSHA VPEL 10.000 mg/m³ - STEL Fume

ACGIH TLV 2.000 mg/m³ - TWA Respirable fraction

ACGIH TLV 10.000 mg/m³ - STEL Respirable fraction

BENZOQUINONE DIOXIME (105-11-3): No exposure limits established.

MANGANESE DIOXIDE (MNO2) (1313-13-9): No exposure limits established.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: *No Data.*

VAPOUR PRESSURE (For Product): .000

SPECIFIC VAPOUR DENSITY: *No Data.*

SPECIFIC GRAVITY: *No Data.*

LIQUID DENSITY: *No Data.*

PERCENT VOLATILES: < 1.0

EVAPORATION RATE: *No Data.*

APPEARANCE: *No Data.*

STATE: *No Data.*

PHYSICAL FORM: *Solid*

COLOUR: *No Data.*

ODOUR: *No Data.*

pH: *No Data.*

SECTION 10 - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION *Product will not under go hazardous polymerization.*

HAZARDOUS DECOMPOSITION *May form: carbon dioxide and carbon monoxide, phenols, various hydrocarbons, zinc oxide fumes.*

CHEMICAL STABILITY: *Stable*

INCOMPATIBILITY: *Strong acids, strong alkalis, strong oxidizing agents.*

SECTION 11 - TOXICOLOGICAL INFORMATION

NO DATA

SECTION 12 - ECOLOGICAL INFORMATION

NO DATA

SECTION 13 - DISPOSAL CONSIDERATION

WASTE MANAGEMENT INFORMATION: *Deposit in a landfill in accordance with local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Lexcan Industrial Supply Limited 1-877-792-8308.*

SECTION 14 - TRANSPORT INFORMATION

DOT INFORMATION - 49 CFR 172.101

DOT DESCRIPTION: *Non-regulated by D.O.T.*

CONTAINER / MODE: 55 Gal Drum / Truck Package

NOS COMPONENT: *None*

RQ (REPORTABLE QUANTITY) – 49 CFR 172.101: *Not applicable*

OTHER TRANSPORTATION INFORMATION: *The transport information may vary with the container and mode of shipment.*

SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS:

CERCLA RQ – 40 CFR 302.4 (a): *None listed.*

CERCLA RQ – 40 CFR 302.4 (b): *Materials without a “listed” RQ may be reportable as an “unlisted hazardous substance”. See 40 CFR 302.5 (b).*

SARA 302 Components – 40 CFR 355 Appendix A: *None*

SECTION 311/312 HAZARD CLASS – 40 CFR 370.2:

Immediate () Delayed (X) Fire () Reactive () Sudden Release of Pressure ()

SARA 313 COMPONENTS – 40 CFR 372.65:

| <u>Section 313 Component(s)</u> | <u>CAS Number</u> | <u>%</u> |
|---------------------------------|-------------------|-------------|
| <i>Zinc Oxide</i> | <i>1314-13-2</i> | <i>2.86</i> |
| <i>Manganese Dioxide (MNO2)</i> | <i>1313-13-9</i> | <i>1.27</i> |

OSHA PROCESS SAFETY MANAGEMENT 29 CFR 1910: *None Listed.*

EPA ACCIDENTAL RELEASE PREVENTION 40 CFR 68: *None Listed.*

INTERNATIONAL REGULATIONS:

INVENTORY STATUS: *Not determined.*

STATE AND LOCAL REGULATIONS:

CALIFORNIA PROPOSITION 65: *The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance(s) known to the state of California to cause Cancer: Quartz, Lead, Cadmium*

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance(s) known to the state of California to cause reproductive harm: Lead, Cadmium

NEW JERSEY RTK LABEL INFORMATION:

| <u>Component</u> | <u>CAS Number</u> |
|--------------------------|-------------------|
| <i>Talc</i> | <i>14807-96-6</i> |
| <i>Carbon Black</i> | <i>1333-86-4</i> |
| <i>Zinc Oxide</i> | <i>1314-13-2</i> |
| <i>Manganese Dioxide</i> | <i>1313-13-9</i> |

PENNSYLVANIA RTK LABEL INFORMATION:

| <u>Component</u> | <u>CAS Number</u> |
|-----------------------|-------------------|
| Talc (MG3H2 (SIO3) 4) | 14807-96-6 |
| Carbon Black | 1333-86-4 |
| Zinc Oxide (ZNO) | 1314-13-2 |

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.

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