



# LEXCOR MATERIAL SAFETY DATA SHEET

DATE PREPARED: 08/03/2012

## SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

### PRODUCT NAME

LEXBOARD

### SUPPLIER NAME AND ADDRESS

Lexsuco 2010 Corporation  
52 Bramwin Court  
Brampton, Ontario L6T 5G2  
Tel: 905.792.8300 Fax: 905.792.8305

### EMERGENCY TELEPHONE NUMBER:

CANUTEC 613-996-6666 (24 hours every day)

**Chemical Formula:** Polymer  
**General Use:** Insulation

## SECTION 2 - HAZARDS IDENTIFICATION

**Emergency Overview:** Breathing dust from this product may cause a scratchy throat, congestion, and slight coughing. Getting dust or fibres on the skin, or in the eyes may cause itching, rash, or redness.

Product is combustible. Burning of this material will produce thick, black smoke.

**Inhalation:** Irritation of the upper respiratory tract (scratchy throat), coughing, and congestion may occur in extreme exposures.

**Skin:** Temporary irritation (itching) or redness may occur.

**Ingestion:** This product is not intended to be ingested (eaten). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

**Eyes:** Temporary irritation (itching) or redness may occur.

**Ears:** Temporary irritation (itching or redness may occur.

**Primary Routes of Entry (Exposure):** Inhalation (breathing dust), skin, and eye contact.

**Target Organs:** Upper respiratory passages, skin and eyes.

**Medical Conditions Aggravated by Exposure:** Pre-Existing chronic respiratory, skin, or eye diseases or conditions.

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS #	Percent
Polyisocyanurate Foam	N/A	50-90
Coated Glass Mat	N/A	0-20*
FR Coated Glass Mat	N/A	0-20*
Pentane	N/A	0-3**
Isopentane	78-78-4	0-3**

Component Information:           \* May Contain either facer.  
   \*\* Blowing agent in polyisocyanurate foam

General Product Description:    Yellow-to-tan condensed foam board with coated glass mat facings. No Significant odour.

### SECTION 4 - FIRST AID MEASURES

First Aid for Inhalation:       Remove to fresh air. Get medical attention if symptoms occur.  
First Aid for Skin:             Wash gently with soap and warm water to remove dust.  
First Aid for Ingestion:       Product is not intended to be ingested or eaten. Do not induce vomiting unless directed to do so by medical personnel.  
First Aid for Eyes:             Flush with large amounts of water for at least 15 minutes. If irritation persists, contact a medical professional.  
First Aid Notes to Physician:  This product is mechanical irritant, and is not expected to produce any chronic health effects from acute exposures. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary.

### SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:                     Not applicable.  
Upper Flammable Limit (UFL):  Not applicable.  
Auto Ignition:                 Not determined.  
Rate of Burning:               Not determined.  
Hazardous Combustion Products: Product is combustible. Burning of this material will produce thick, black smoke.  
Extinguishing Media:         Carbon dioxide (CO<sub>2</sub>), water, water fog, dry chemical.  
Fire Fighting Equipment/Instructions: No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Containment Procedures:       Pick up large pieces. Vacuum dusts. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust accumulation or use compressed air for clean-up. These procedures will help to minimize potential exposures.  
Clean-Up Procedures:         Avoid the generation of dusts during clean-up.

### SECTION 7 - HANDLING & STORAGE

Handling Procedures:         Use protective equipment as described in Section 8 of this material safety data sheet when handling uncontained material.  
Storage Procedures:         Warehouse storage should be in accordance with package directions, if any. Material should be kept clean, dry, and protected from moisture.

## SECTION 8 - EXPOSURE CONTROL & PERSONAL PROTECTION

### Exposure Guidelines

#### A: General Product Information

Lexcor recommends that exposures be limited to the voluntary concentration of 1 f/cc TWA for fibres longer than 5 microns with a diameter less than 3 microns. This will help minimize potential irritation effects.

#### B: Component Exposure Limits

The Occupational Safety and Health Administration (OSHA) has not adopted specific occupational exposure standards for fibre glass. Fibre glass is treated as a nuisance dust and is regulated by OSHA as a particulate not otherwise regulated (total dust) shown in CFR 1910.1000 Table Z-3.

Respirable fraction 5mg/m<sup>3</sup>

Total dust 15 mg/m<sup>3</sup>

Isopentane (78-78-4)

ACGIH: 600 ppm TWA (listed under Pentane, all isomers)

### Personal Protective Equipment

Eyes/Face:	Safety Glasses with sideshields are recommended to keep dust out of the eyes.
Ears:	Use ear protection (earplugs, hood, or earmuffs) to prevent airborne dust or fibres from entering the ear, if necessary.
Skin:	Leather or cotton gloves should be worn to prevent skin contact and irritation. Barrier creams may also be used to reduce skin contact and irritation caused by fibre glass.
Respiratory:	A respirator should be used if ventilation is unavailable, or is inadequate for keeping dust and fibre levels below the applicable exposure limits. In those cases, use an appropriate NIOSH-certified respirator.
Ventilation:	In fixed manufacturing settings, local exhaust ventilation should be provided at areas of cutting to remove airborne dust and fibres. General dilution ventilation should be provided as necessary to keep airborne dust and fibres below the applicable exposure limits and guidelines. The need for ventilation systems should be evaluated by a professional industrial hygienist, while the design of specific ventilation systems should be conducted by a professional engineer.
General:	Wear a cap, a loose-fitting, long-sleeved shirt and long pants to protect skin from irritation. Exposed skin areas should be washed with soap and warm water after handling or working with fibre glass. Clothing should be washed separately from other clothes, and the washer should be rinsed thoroughly (run empty for a complete wash cycle). This will reduce the chances of fibre glass being transferred to other clothing.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Yellow-to-tan condensed foam board laminated with coated glass mat facing.	VOC:	5.25 g/L
Physical State:	Solid	Odour:	No significant odour
Vapour Pressure:	Not Applicable	pH:	Not Applicable
Boiling Point:	Not Applicable	Vapour Density:	Not Applicable
Solubility (H <sub>2</sub> O):	None	Melting Point:	Not Applicable
Freezing Point:	Not Applicable	Specific Gravity:	Not Applicable
Viscosity:	Not Applicable	Evaporation Rate:	Not Applicable
		Percent Volatile:	Negligible

## SECTION 10 - STABILITY & REACTIVITY

Chemical Stability:	This is a stable material. This product is not reactive.
Chemical Stability: Conditions to Avoid:	Keep away from heat, sparks, or open flame.
Incompatibility:	Acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethethylene dichloride, dimethyl sulfoxide, and dimethyl formamide.
Hazardous Decomposition:	The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning, of the resin. These decomposition products may include carbon monoxide, carbon dioxide, carbon particles, and traces of hydrogen cyanide.
Hazardous Polymerization:	Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### General Product Information

Dust from this product is a mechanical irritant, which means that it may cause temporary irritation or scratchiness of the throat, and/or itching of the eyes and skin.

Isopentane and n-pentane may be released at very low concentrations (well below their lower flammability limits) from these products when they are cut or crushed. Airborne concentrations of these pentanes is expected to be below occupational exposure limits referenced in Section 8.

### Carcinogenicity

#### A: General Product Information

No data for this product as a whole.

#### B: Component Carcinogenicity

Continuous filament glass fibres

ACGIH: A4 – Not Classifiable as a Human Carcinogen

IARC: Group 3 – Not Classifiable (IARC Monograph 81 [2002] ( listed under Man-made mineral fibres), Monograph 43 [1988])

### Chronic Toxicity

Polyisocyanurate Foam: There is no evidence that dust from this material causes disease in man. There are no known animal studies of the chronic health effects of breathing dust from polyisocyanurate foam. However, a subchronic inhalation study showed no adverse respiratory effects in rats as a result of breathing 9 mg/m<sup>3</sup> of dust from a similar foam (polyurethane foam) for 3 months (Thyssen et al., 1978). In 1987, IARC designated polyurethane as Group 3, not classifiable as to carcinogenicity to humans (Monograph 19).

Continuous Filament Glass Fibre: No chronic health effects are known to be associated with exposure to continuous filament fibre glass. Long-term epidemiologic studies do not show any increases in respiratory cancer or other disease among employees who manufacture this product. In 1987, the International Agency for Research or Cancer (IARC) classified continuous filament fibre glass as a Group 3 substance, “not classifiable as to its carcinogenicity to humans”. In 2001, IARC re-affirmed this designation. Because of the large diameter of continuous filament fibres, these fibres are not considered respirable.

## SECTION 12 - ECOLOGICAL INFORMATION

### Ecotoxicity

#### A: General Product Information

No data available for this product.

#### B: Component Analysis – Ecotoxicity – Aquatic Toxicity

**Isopentane (78-78-4)**

48 Hr EC50 Daphnia magna: 2.3 mg/L

## SECTION 13 - DISPOSAL CONSIDERATIONS

### US EPA Waste Number & Descriptions

#### A: General Product Information

This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.

#### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions:

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

## SECTION 14 - TRANSPORT INFORMATION

### International Transportation Regulations

This product is not classified as a hazardous material for transport.

## SECTION 15 - REGULATORY INFORMATION

### US Federal Regulations

#### A: General Product Information

SARA 311/312: This product is not classified as hazardous under 311/312.

#### B: Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4)

### State Regulations

#### A: General Product Information

Other state regulations may apply. Check individual state requirements.

#### B: Component Analysis – State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Continuous filament glass fibres	N/A	No	No	No	Yes	No	No
Isopentane	78-78-4	No	No	Yes	No	Yes	Yes

#### A: TSCA Status

This product and its components are listed on the TSCA 8(b) inventory.

None of the components listed in this product are listed on the TSCA Export Notification 12(b) list.

### International Regulations

#### A: General Product Information

This products is considered an article under both U.S. and international product regulations and as such, this product does not require registration or notification on the various country-specific inventories.

#### B: Component Analysis – WHMIS IDL

**WHMIS (Classification):** Not controlled under WHMIS (Canada).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information require by the Controlled Products Regulations.

## 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.*