Burnaby Sales Ltd.
53348 Range Road 214, Ardrossan, Alberta T8E 2B8
Phone: 789 – 998-2714 | Fax: 780 – 998-9553 | Email: info@burnabysalesltd.com

MATERIAL SAFETY DATA SHEET

PRODUCT – Burnaby Insulated Air Barrier 7300-0 SOYA

1. General Information: **WHMI Classification**

Manufacturer: Demilec, Broisbriand, Quebec Class D, Division 2B
Emergency Number: Canutec – 1 613 996-6666
Product Name: 7300-0 Polyol blend component DG Classification: Non Regulated
Chemical Name: Polyol Blend (B) side, 7300-0 SOYA, for Two components Spray-applied Rigid Polyurethane Foam Systems

2. Hazardous Ingredients:

Components	CAS #	%	WEEL(AIHA)-TWA-8 hr.
1,1,1,3,3-Pentafluoropropane	460-73-1	7-13	300 ppm
Trans 1.2 dichloroethylene	156-60-5	1-5	200 ppm*
Polyol blend	N/A	40-70	N/A
Tertiary amine blend	N/A	1-5	N/A
Tris-iso-chloropropyl Phosphate	13674-84-5	7-13	Not listed

*OSHA TWA PEL

3. Physical Properties:

Physical State:	Green Liquid
Odour:	Ester odour
Boiling Point:	N/D
Vapour Pressure:	9-11 psi at 25°C (77°F)
Vapour Density:	4.6 (1,1,1,3,3-Pentafluororopane)
Specific Gravity:	1.2 @ 25°C (77°F)
Solubility in Water	Moderate

4. Fire & Explosion Data:

Flash Point:	>200°F (93°C)
Auto Ignition Temperature:	N/D
Upper flammable limit (% vol.):	N/D
Lower flammable limit (% vol.):	N/D
Extinguishing Media:	Dry chemical, carbon dioxide, chemical foam and water spray.
Special Fire Fighting Procedures:	Full emergency equipment with self-contained breathing apparatus should be worn by fire fighters for protection against suffocation and possible toxic decomposition products. Use cold water to cool fire-exposed containers. Heat will cause pressure build up and may cause explosive rupture. A solid stream of water directed into hot burning liquid could cause frothing.

5. Reactivity Data:

Stability:	Stable under normal storage conditions. See section 10.
Incompatibility (Material to avoid):	Alkali or alkaline earth materials (A1,Zn,Be,Cu), strong acids and strong oxidizing agents. This material reacts rapidly with isocyanate.
Hazardous Decomposition Products:	By high heat and fire: carbon monoxide, carbon dioxide, oxides of nitrogen, ammonia, aldehydes, ketones & low molecular weight organic fragments.
Hazardous Polymerization:	Will not occur.

6. Health Hazard Data:

Eye Contact:	Product liquids, aerosols or vapors are irritating. Vapours may cause a transient condition known as glaucopsia, resulting in a blurring of vision against a bluish haze and the appearance of halos around bright objects.
Skin Contact:	May cause moderate irritation, defatting and dermatitis. May cause allergic skin reaction.
Ingestion:	May cause nausea, abdominal pains, vomiting and diarrhea. May also cause irritation to throat, esophagus and stomach.
Inhalation:	At high concentrations, fluorocarbons can lead to light-headedness, giddiness, shortness of breath and possible narcosis. There have been reports that exposure to high concentrations of fluorocarbons may include cardiac arrhythmia in some individuals. Vaporization of excessive amounts of the fluorocarbon component can delete or replace oxygen necessary for breathing. Excessive inhalation of vapours can cause respiration irritation, dizziness, headache, nausea and asphyxiation.

7. First Aid Procedures:

Eye Contact:	Flush with running water for at least 15 minutes, holding eyelids open. Obtain medical attention.
Skin Contact:	Remove contaminated clothing and immediately wash affected areas with soap and water for at least 15 minutes. Wash contaminated clothing before reuse.
Ingestion:	Obtain immediate medical attention from physician. Treat any ill effects symptomatically and supportively.
Inhalation:	Remove patient to an area free from further exposure and provide fresh air. Administer artificial respiration as needed. If breathing is difficult, give oxygen. Obtain immediate medical attention.

8. Spill or Leak Procedures:

Action to take for Spills/Leaks:	Ventilate. Eliminate all sources of ignition. Utilize recommended protective clothing. Dike area to avoid spreading. Absorb with sawdust, vermiculite or other absorbent material. Collect and contain in suitable containers.
Clean-Up:	Wash down surfaces with soap and warm water.
Waste Disposal:	Dispose of waste according to federal, provincial and local regulations. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch.

9. Handling Precautions:

Eye Protection:	Use chemical goggles. Eyewash fountain and emergency shower should be in close proximity.
Skin Protection:	Use protective clothing impervious to chemicals. Selection of specific items such as gloves, (buty or nitrile rubber), boots or apron will depend on operation. Practice good hygiene, wash hands thoroughly before handling any food.
Respiratory Protection:	An air-supplied respirator should be worn during application and when the product is being heated or in environments of high concentrations well above the TLV.
Ventilation:	Ventilation is necessary during processing. Local exhaust should be used to maintain levels below the TLV. If it is not, an air-supplied respirator should be worn.

10. Storage and Handling:

Storage Temperature (Min.-Max.): 15 – 30^{0}C (59-86^{0}F). Precaution to be taken in Storage and Handling: Store in tightly closed containers in a cool, dry place. This product is hygroscopic. Avoid breathing vapours and contact with eyes or skin. Maintain good personal hygiene. Use only with adequate ventilation. Employee education and training are important.

11. Shipping Data:

Technical Shipping Name:	Polyol blend, PF-7300-0 Soya
T.D.G. Classification:	Non-regulated
IMO	Non-regulated
IATA/ICAO CLASS	Non-regulated

12. Preparation of MSDS

Preparation of MSDS:	Demilec Technical Department
Preparation Date:	January 2, 2008