

**PRODUCTS:** AIREX® PXC & PXW Plastic Foam (PXC.145, PXC.245, PXC.320, PXC.385, PXW.320, PXW.385, PXW.420) Blocks, Plain Sheet, Rigid Sheet, Contourable and GPS Sheet

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**Alcan Baltek Corporation**  
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**Northvale, New Jersey 07647**

24-HOUR EMERGENCY TELEPHONE NO. 201-983-7064

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 THIS MATERIAL SAFETY DATA SHEET COMPLIES WITH  
 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

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**SECTION I - PRODUCT IDENTIFICATION**

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**PRODUCT NAME:** AIREX® PX FOAM  
**GENERAL OR GENERIC I.D.:** Fiber Reinforced Cellular Plastic Foam Core Material  
**D.O.T. HAZARD CLASSIFICATION:** ORM-C/No Label Required  
**NFPA** (National Fire Protection Association) and **HMIS/NAPIM** (National Association of Printing Ink Manufacturers) **CLASS:**  
 HEALTH (NFPA/HMIS): 1  
 FLAMMABILITY(NFPA/HMIS): 1  
 REACTIVITY (NFPA/HMIS): 0  
 PERSONAL PROTECTION (HMIS): 1  
 (Where 4 = Extreme; 3 = Severe; 2 = Moderate; 1 = Slight; 0 = None)

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**SECTION II - HAZARDOUS COMPONENTS**

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% (By Weight)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200				

However, cutting milling, drilling, routing or otherwise fabricating this material may produce the following:  
 Particles- N/A TWA=15 mg/m<sup>3</sup> N/A  
 Not Regulated

Fiberglass Dust	65997-17-3	N/A	TWA=15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> (respiratory) (total dust 1 fiber/cc proposed)	TWA=10 mg/m <sup>3</sup>
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This product primarily consists of high molecular weight polymers and is manufactured without CFC's or other ozone-depleting substances.

**NOTE:** ONLY THOSE INGREDIENTS THAT HAVE BEEN DETERMINED TO BE HAZARDOUS AS DEFINED IN 29 CFR 1910.1200 ARE LISTED IN THIS SECTION. AN INGREDIENT MARKED WITH AN ASTERISK (\*) IS ALSO LISTED IN 29 CFR 1910.1200 (D) #4 AS A KNOWN OR SUSPECTED CARCINOGEN. TO OUR KNOWLEDGE, THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS SUBJECT TO SECTION 313 OF 40 CFR 372.

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**SECTION III - PHYSICAL DATA**

<u>PROPERTY</u>	<u>REFINEMENT</u>	<u>MEASUREMENT</u>
BOILING POINT	For Component (100%)	N/A
VAPOR PRESSURE	For Component (100%)	Less than 1mm Hg @ 68 Deg F (20 Deg C)
VAPOR DENSITY	Air = 1	Solid, N/A
SPECIFIC GRAVITY		0.100 - 0.480 (ASTM D 1622) @ 77 Deg F (25 Deg C)
PERCENT VOLATILE BY WEIGHT (%)		Less Than 1%

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**SECTION III - PHYSICAL DATA, CONTINUED**  
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<u>PROPERTY</u>	<u>REFINEMENT</u>	<u>MEASUREMENT</u>
EVAPORATION RATE (ETHER = 1)		Solid, N/A
SOLUBILITY IN WATER BY WEIGHT (%)		Less Than 0.01%
PHYSICAL SOFTENING:		None (thermosetting plastic)
APPEARANCE, STATE, FORM		Foam slabs or sheets, optionally with machined slits, optionally with attached glass fiber scrim

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**SECTION IV - FIRE & EXPLOSION DATA**  
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FLASH-POINT (ASTM D1929): Greater Than 600 Deg F (316 Deg C) (ASTM D1929)

AUTOIGNITION: Greater than 600 Deg F (316 Deg C), Oxygen Index Greater than 30% (ASTM D2863)

FLAMMABILITY LIMITS IN AIR: LOWER: Not Determined, flammable only by direct flame  
UPPER: Not Determined, flammable only by direct flame

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, trace amounts of Hydrogen Cyanide, halogen acids and Nitrogen oxides may be formed if burning.

EXTINGUISHING MEDIA:  WATER  WATER FOG  CO<sub>2</sub>  DRY CHEMICAL  OTHER: water froth

SPECIAL FIRE FIGHTING PROCEDURES: Full-face, self-contained breathing apparatus and impervious protective clothing should be worn in a sustained fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dust can present an explosion risk, however a dust collection system necessary for a suitable work environment is more than adequate to eliminate this risk.

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**SECTION V - HEALTH DATA**  
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PERMISSIBLE EXPOSURE LEVEL: Not established for product.  
See Section VIII for proper protective wear, Section II for Hazardous Components.

NATURE OF HAZARD: dust may become airborne during machining operations.

PRIMARY ROUTES OF ENTRY: inhalation

SIGNS AND SYMPTOMS OF EXPOSURE: shortness of breath, dizziness

EFFECTS OF CHRONIC EXPOSURE:  
No adverse chronic health effects are known for this product, but direct inhalation of dust and smoke should be avoided. No enhanced allergic responses are known to occur by handling this product, however heavy work gloves are recommended to protect from exposed glass fibers. No medical conditions are known which might be aggravated by exposure to this product under normal handling.

EMERGENCY TREATMENT / FIRST AID: remove the affected to fresh air, consult physician if shortness of breath continues.

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**SECTION V - HEALTH DATA, CONTINUED**  
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**EFFECTS OF OVEREXPOSURE:** \_\_\_\_\_ for dust

Eyes	Solid or dust can cause irritation, redness, tearing, blurry vision or corneal injury due to mechanical action.
Skin	Irritation from mechanical abrasion
Breathing	Excessive inhalation of dust from product can cause asphyxiation due to coating of lung tissues.
Swallowing	If ingested, product may cause temporary irritation to the gastrointestinal tract.

**GENERAL FIRST AID:**

If in eyes	Flush with large amounts of water, lifting upper and lower lids occasionally. Seek medical attention if irritation persists.
If on skin	Wash area with soap and cold water when convenient to do so. Wash hands before eating or using the rest room.
If breathed	If asphyxia is apparent, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration and seek prompt medical attention.
If swallowed	If large quantities have been ingested, seek prompt medical attention.

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**SECTION VI - REACTIVITY DATA**  
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**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Product is stable at typical use temperatures. Product is not reactive.

**INCOMPATIBILITY (AVOID CONTACT WITH):** Avoid contact with strong oxidizing materials, and long term exposure to temperatures in excess of 392 Deg. F (200 Deg. C)

**CONDITIONS TO AVOID:** Exposure to open flame or excessive heat. Sustained burning may produce significant levels of noxious or irritating fumes.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Exposure to open flame may liberate Carbon Monoxide, Carbon Dioxide, trace amounts of Hydrogen Cyanide, halogen acids and Nitrogen oxides.

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**SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES**  
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**IN CASE MATERIAL IS RELEASED OR SPILLED:** broom-up or vacuum-up.

**WASTE DISPOSAL METHOD:** disposal as an industrial waste in a landfill is recommended when consistent with all local, state and federal regulations.

**D.O.T. (49 CFR 171.8)/E.P.A. (40 CFR 117) SPILL REPORTING INFORMATION:**

HAZARDOUS SUBSTANCE:	None
REPORTABLE QUANTITY:	Does not apply.
CONCENTRATIONS OF HAZARDOUS SUBSTANCE:	None
REPORTABLE QUANTITY OF PRODUCT:	Does not apply.

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**SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED**  
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**RESPIRATORY PROTECTION:** Where use results in the generation of dust from product (machining, sawing or sanding), provide sufficient mechanical (general and/or local exhaust) ventilation or vacuum-assisted dust collection to prevent excessive concentrations of airborne dust from developing (see "Unusual Fire And Explosion Hazards" in Section IV). If such engineering controls prove inadequate, protection with a dust/mist respirator having a NIOSH/MSMA approval of TC-21C-132 is recommended.

**HANDS:** Leather or cotton gloves should be worn to prevent skin contact and irritation.

**EYES/FACE:** Safety glasses with sideshields are recommended to keep dust out of eyes.

**OTHER PROTECTIVE EQUIPMENT:** Normal loose-fitting work clothing fully covering arms and legs.

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**SECTION IX – REGULATORY INFORMATION**  
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**US FEDERAL REGULATIONS:**

**General Product Information:**

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

**Component Analysis**

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

**STATE REGULATIONS:**

**General Product Information**

Other state regulations may apply. Check individual state requirements.

**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 fibers	65997-17-3	No	No	No	Yes	No	No

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**SECTION X - SPECIAL PRECAUTIONS OR OTHER COMMENTS**  
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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Product is combustible. Avoid contact with direct flame. Avoid storing in areas where temperatures may exceed 392 Deg. F (200 Deg. C). During machining or high speed abrading, product may collect a high potential static charge in dry weather. To avoid explosion due to Electrostatic Discharge (ESD), do not perform such machining operations in the presence of flammable vapors.

**OTHER PRECAUTIONS:** Abrasive dust may irritate skin, and if airborne, may cause explosion if ignited.

**COMMENTS:** The information accumulated herein is believed to be accurate but is not warranted to be, whether advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

**PREPARED BY:** K.A. Feichtinger

**THIS REVISION DATE:** March 17, 2007

**PREVIOUS REVISION DATE:** New Issue