



# MATERIAL SAFETY DATA SHEET

## AIR BARRIER MEMBRANE

### AIR-GARD

#### Section I – Product Information

Brand Name: **Air-Gard**

Manufacturer: Fabrene Inc,  
Distributed by Building Products of Canada Corp  
9510, St-Patrick street  
LaSalle (Quebec), Canada H8R 1R9

Emergency phone number: CANUTEC 1-613-996-6666

Product Uses: This product is used as a wall air barrier for residential and commercial constructions.

WHMIS Classification: This product is not controlled by the WHMIS.

#### Section II– Preparation Information

MSDS prepared by: F. Bossé  
Phone number: 514-364-8768  
Revision date: October 2015  
Preparation date: November 2012

#### Section III– Hazardous Components

Component	C.A.S. No	Weight	Species	LD <sub>50</sub> Oral	LC <sub>50</sub> Inhalation	Hour
Crystalline Silica (quartz)	14808-60-7	< 0.01%	---	Not available	Not available	---

As per OSHA and WHMIS the products in section I are considered consumable items and do not require MSDS. Since, all the components mentioned in the table above are bounded in all of the products, when they are handled and used under normal conditions, there is no evidence that any of the components are released in quantities that pose a risk to health and/or safety.

The finish products are not considered hazardous as per WHMIS and OSHA, 29 CFR 1910.1200 legislations. However, we want to disclose as much as possible information relating to health and safety, to ensure that the product is handled and used properly. This MSDS contains valuable information for safe handling and proper use of the product. This MSDS should be retained and available for employees and other users.

#### Section IV– Physical and Chemical Properties

Appearance at 25°C: Solid, cross-woven pigmented membrane

Odour: Neutral

pH: No object

Density: 0.90 to 0.95 g/cm<sup>3</sup>

Melting Point: 110°C -140°C

Freezing Point: No object

Boiling Point: No object

Evaporation Rate: No object

Vapor Tension: No object

Vapor Density: No object

Relative Density (water =1): < 1

Solubility: Insoluble in water

Decomposition Temperature: Not measured

Viscosity: No object



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#### Section V– Fire and Explosion Data

Flash Point:	> 250°C
Flammable Limits in air:	No object
Auto-Inflammation Temperature:	420°C
Specific Dangers:	Fire gives off normal products of combustion and hydrocarbon.
Fire Fighting Agents:	Use dry chemical powder, carbon dioxide (CO <sub>2</sub> ), foam and water spray.
Fire Fighting Equipments:	Wear self-contained breathing apparatus and full protective clothing.

#### Section VI– Product Stability and Reactivity

Product Reactivity:	The product is not classified as self-reactive
Product Stability:	Stable
Hazardous reactions and polymerization:	No object
Condition to avoid:	Avoid storing the product at excessive temperature
Incompatible Materials:	No object
Hazardous decomposition products:	Normal decomposition products

#### Section VII– Health Hazard Data

Product contains crystalline silica (quartz). Crystalline silica is considered a hazard if inhaled. IARC has classified occupational exposure to crystalline silica as an agent of group 1 human carcinogen. When working with this product, it is important to comply with the limits for exposure to crystalline silica through adequate ventilation and / or wear a suitable dust mask.

##### Crystalline silica quartz (14808-60-7)

RSST:	0.1 mg/m <sup>3</sup> TWA (inhalable fraction)
ACGIH:	0.025 mg/m <sup>3</sup> TWA (inhalable fraction)
OSHA	0.10 mg/m <sup>3</sup> TWA (proposed inhalable fraction); 0.30 mg/m <sup>3</sup> Exposure Limit TWA (total dust)
NIOSH:	0.05 mg/m <sup>3</sup> TWA (total dust) 50 mg/m <sup>3</sup> IDLH (inhalable fraction)

Teratogenicity, embryotoxicity, mutagenicity: This product has no teratogenic, mutagenic or embryotoxic known effects.

#### Section VIII– First Aid

Inhalation:	In case of inhalation of gas or vapor, remove person to fresh air. If breathing is difficult or ceases, administer oxygen. If symptoms persist, consult a physician.
Skin contact:	Wash skin with soap and water. If irritation persists, consult a physician.
Eye contact:	Flush eyes with water for 15 to 20 minutes. If irritation persists, consult a physician.
Ingestion:	Ingestion is unlikely to occur. If ingestion occurs, consult a physician.

#### Section IX–Handling Safety Measures

Respiratory Protection:	If the exposure limit to dust and fumes is exceeded, if the space is poorly ventilated use a breathing apparatus for organic vapor and dust.
Hands Protection:	Wearing gloves is recommended to prevent excessive skin exposure.
Eye protection:	In case of risk of projections, wearing safety glasses is recommended.
Protective clothing:	Wear proper protective clothing.



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#### Section X- Environmental and Disposal Information

**Elimination:** The finished product is a solid. To remove, use standard means approved for disposal. Dispose in a landfill or use any other method prescribed by regulation.

**Environmental Effects:** Do not allow product or runoff from fire entering sewers, lakes, streams or drinking water pipes. Secure sewers and ditches to avoid contamination. Provincial and / or federal regulations may require that environmental agencies or other agencies have to be notified of a spill. The area must be cleaned and restored to original condition or to the satisfaction of authorities.

#### Section XI- Storage

**Storage:** Product should be protected from the weather. Store off the ground and preferably inside.

*Since this product is a "Manufactured Article". Building Products of Canada Corp. is not required by law to produce a Material Safety Data Sheet. This Material Safety Data Sheet is provided as customer service information. The recommendations and data presented are believed to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this information.*