



501 McNicoll Ave. Toronto, Ontario, M2H 2E2  
 Tel: 416-410-5674 Fax: 416-759-7402

# MATERIAL SAFETY DATA SHEET

**1/ NAME OF PRODUCT:** EXPANDABLE POLYSTYRENE FOAM INCLUDING GRAPHITE MATERIAL  
**MANUFACTURER / VENDOR:** AMVIC BUILDING SYSTEM  
**ADDRESS:** 501 McNicoll Avenue, TORONTO, ONTARIO And Calgary Alberta **PHONE:** 416-410-5674

## 2/ HAZARDOUS INGREDIENTS

Ingredients	% WT	% VOL.	LEL	Vap. Press
N/A	N/A	N/A	N/A	N/A

Additional hazards:

## 3/ PHYSICAL DATA

Specific Gravity: .013 - .064	Kg. per litre
Boiling Point: N/A	Solubility N/A
Physical State: Solid Foam	In water

## 4/ FIRE + EXPLOSION HAZARDS

Flash Point: 600 - 650 °F	P.M. ( Closed cup )		
Fire Point: 850 - 900 °F	Flammable Gas		
Fire Class: (as ref. NFPA Standard 30) 1A, 1B, 1C, LL, LLLA, LLLD,			
Flame Extension:			
Extinguishing Media: Water, Fog, C02, Dry Chemical (ABC)			
Unusual Products of Ignition <u>Dense black smoke, carbon monoxide, traces of hydrogen bromide</u>			
Unusual Fire + Explosion hazards			
Aerosol products (propellant not to be included in % below)	<u>Level (check one)</u>	<u>Propellant</u>	<u>% Propellant (by wt.)</u>
<b>A/ Level 1.</b> Max. of 25% by weight of water miscible or non miscible Flammable products (i.e. 75-100% nonflammable products by weight)	_____	_____	_____
<b>B/ Level 2.</b> 25 to 100% by weight water miscible flammable products. 25 to 55% by weight non-water miscible flammable products. (Remaining 45 to 75% by weight is non flammable product)	_____	_____	_____
<b>C/ level 3.</b> Greater than 55% by weight non-water miscible flammable Products.	_____	_____	_____
Other Special Procedures:			
Products in Plastic Containers			
<b>A/</b> % water miscible flammable liquid content (and remainder non-flammable)	less than 20 %	20 - 50 %	over 50 %
<b>B/</b> % nonwater miscible flammable liquid content			
<b>C/</b> size of container (oz. mf. Etc.)			
<b>D/</b> type of plastic			

## 5/ REACTIVITY

## 6/ TOXICOLOGICAL PROPERTIES

Inhalation:	Low Med High X	Skin Absorption:	Low Med High X	Ingestion :	Low Med High XX
LC 50 % (Lethal Concentration) :	N/A				
LD 50 % (Lethal Dose) :	N/A				
Symptoms of Over-exposure :	N/A				
<b><u>EMERGENCY FIRST AID</u></b>					
Inhalation :	None				
Skin Contact:	None				
Eye Contact :	Flush loose bead from eyes with water.				
Ingestion :	Presents no significant ingestion hazard, other than as an obstruction if swallowed.				

## 7/ SPILL OR LEAK PROCEDURE

Clean-up :	Normal Good Housekeeping
Waste Disposal :	Bury in approved landfill or burn in an adequate incinerator with excess oxygen.

## 8/ PERSONAL PROTECTION

Ventilation:	Only required during large scale hot wire fabrication procedures or combustion.
Respiratory Protection :	Wear dust mask during sawing or sanding operations
Skin Protection:	None
Eye Protection:	Safety glasses when sanding or sawing.
Other:	

## 9/ PRECAUTIONS

Storage, Handling and Precautions:	Do not store at intermittent temperatures above 180°F or long term temperatures above 167°F. Do not expose to source of Ignition. Exposure to UV light (sun) for long periods will result in slow degradation (dusting) at surface.
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January 2017