



EXPANDED POLYSTYRENE FOAM (EPS)

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Distributed by : **adex**SYSTEMS
HEBERTVILLE-STATION PLANT
67, rue Saint-Paul
Hebertville-Station (Quebec)
G0W 1T0
T (418) 343-2640 | F (418) 343-2952
www.adex.ca

IS prepared by : Adex Systems inc.

Preparation Date: January 21st, 2015

Telephone : T (418) 343-2640

SECTION 2 - COMPOSITION AND INFORMATION ON THE INGREDIENTS

DANGEROUS INGREDIENTS	CONCENTRATION (%weight/weight)	CAS NUMBER	DL ₅₀	CL ₅₀	TLV-TWA
None*					

*None when residual pentane blowing agent is reduced to level described in section 16

SECTION 3 – HAZARDS IDENTIFICATION

Absorption tracts : Contact with eyes

Effects of acute exposure to product : None

SECTION 4 – FIRST AID MEASURES

Particular First Aid to administer :

Eyes : Rinse immediately with running water for 15 minutes while holding eyelids open. If irritation persists, rinse again and obtain medical assistance.



SECTION 5 – FIRE FIGHTING MEASURES

Inflammability : N/D

Exinction Methods: Water fog, CO₂, dry chemical

Special Methods : NO

Flash point and determination methods : N/D

Inferior and superior inflammability limits: N/D

Auto-ignition temperature: N/D

Dangerous combustion products : May emit large volume of dense, black smoke

Explosiveness information : N/D

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Procedure in case of leaks or spills : Normal good housekeeping should be observed in properly disposing of scrap material.

SECTION 7 – HANDLING AND STORAGE

Handling methods and equipment : NO

Warehousing requirements: Do not expose to sunlight. Material should be keep dry and protected from the elements.

SECTION 8 – EXPOSURE CONTROL AND INDIVIDUAL PROTECTION

Individual protection equipment : Safety goggles

Special precautions: If the product in block or board form is to be fabricated by hot-wire cutting, work areas should be ventilated to avoid a build-up of processing fumes.



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Apparence :	Rigid cellular foam block or board
Odour :	No
Physical State :	Solid
pH :	N/A
Vapour Tension :	N/A
Vapour density (Air =1) :	N/A
Boiling point (°C) :	N/A
Freezing point (°C) :	N/A
Relative density (g/ml) :	Apparent density 1.0 to 2.0 pcf
Evaporation Rate :	N/A
Coefficient of water-oil partition :	N/A
Odour Level :	N/A
Viscosity :	N/A
Water Solubility (20 °C) :	No
Percent volatile by volume:	(pentane and water) 0.18% (see section 16)

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability : YES

Reactivity conditions to avoid : NO

Incompatibility with other products : Can dissolve in contact with solvent.

Dangerous decomposition products : NO

Dangerous Polymerization : Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of short-term exposure : NO

Irritant Properties :NO

Awareness of product:N/D

Carcinogenicity : N/D

Effects on reproduction : N/D

Teratogenicity : N/D

Mutagenicity : N/D

Synergetic products : N/D

architectural **COATINGS**



SECTION 12 – ECOLOGICAL INFORMATION

No relative information is available concerning the effects of this product on the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Elimination of residues : Eliminate while respecting municipal, provincial and federal rules.

SECTION 14 – TRANSPORTATION INFORMATION

Transport classification : N/A

NIP : N/A

SECTION 15 – REGULATORY INFORMATION

Workplace Classification

This product is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This Product is considered non-hazardous under the OSHA Hazard communication Standard (29CFR 1910.1200).

Canadian WHMIS Hazard Classification:

Not Applicable

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

SECTION 16 – OTHER INFORMATION

Immediately after molding expanded polystyrene into blocks, the residual blowing agent, pentane, entrapped within the blocks ranges from about 2.0 to 3.0% by weight. The blocks are then stored at room temperature or at an elevated temperature (e.g., 130 °F) to reduce the entrapped pentane and moisture to less than 1% by weight (0.18% by volume) dimensional stabilization. The block storage areas must be, therefore, adequately ventilated to avoid build up of pentane vapors.