

Material Safety Data Sheet

AUSBLOX EXPANDED POLYSTYRENE

Issue Date April 2018

Status Issued by AUSBLOX

Non Hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name AUSBLOX EXPANDED POLYSTYRENE FOAM
Product Use Rigid polystyrene sheet / pipe and vessel thermal insulation / buoyancy foam product
Company AUSBLOX Pty Limited
Address 25 Garling Road Kings Park NSW 2148
Emergency Tel. +61 405 108 149
Telephone / Telex Number Tel: (02) 9676 8444 Fax: (02) 9676 8555

Other Names	Name	Manf. Code
Other Information	EPS General purpose flame retarded rigid polystyrene foam for use in cold / ambient temperature exposures as thermal insulation of tanks, process vessels equipment and pipe sections. For use in selected marine applications / boat building, flotation void space filling and general building components / construction applications.	AUSBLOX Expanded Polystyrene

2. HAZARDS IDENTIFICATION

Non-Hazardous / Non-Dangerous Goods.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Name	CAS Number	Proportion
	Polystyrene	9003-53-6	> 60% w/w
	Pentane	109-66-0	< 10 % w/w

4. FIRST AID MEASURES

Inhalation Remove subject to fresh air. Remove dust contaminated clothing. Rinse face/mouth with warm water. Give water to drink to reduce breathing irritation. Keep at rest until fully recovered. If continued irritation / difficulty occurs when breathing seek medical attention.

Ingestion Remove subject to fresh air. Remove dust contaminated clothing. Rinse face/mouth with warm water. Give water to drink to reduce breathing irritation. Keep at rest until fully recovered. If continued irritation / difficulty occurs when breathing seek medical attention.

Skin Wash in flowing water or shower. Remove contaminated clothing and wash before reuse. Prolonged or repeated contact may cause skin irritation.

Eye Irrigate with copious flowing water immediately and continuously for 15 minutes. If eye irritation persists, it is recommended to seek medical advice/attention.

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First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor No specific antidote. Supportive care.

5. FIRE FIGHTING MEASURES

Extinguishing Media Foam, alcohol resistant foam, carbon dioxide and dry chemical.

Specific Methods Fire fighters to wear positive pressure self-contained breathing apparatus safety glasses, boots, gloves and coveralls.

Specific Hazards Do not breathe smoke from burning product.
The product contains a combustible thermoplastic, which will melt and drip when ignited and give off combustion products that are toxic. Incomplete combustion may produce carbon monoxide and other toxic gases.

6. ACCIDENTAL RELEASE MEASURES

Do not permit broken, particulate debris to contaminate waterways, sewers or drains. Avoid skin and eye contact. Wear gloves, safety glasses and coveralls when handling.

7. HANDLING AND STORAGE

Handling When freshly made, or for a short period afterwards, the product may contain trace amounts of Pentane gas which dissipates rapidly in air. Avoid generating and inhaling dust from the product. Wear normal industrial safety clothing - impervious PVC gloves, Safety goggles or Face Mask and Coveralls. Good general ventilation should be sufficient for most conditions of use. A minimum requirement is to wear Safety glasses with side-shields and a dust mask (Type P1 filter) meeting the requirements of AS/NZS 1716 and used in accordance with AS/NZS 1715 is recommended as good industrial practice. Replace dust mask filters on a regular and planned basis.

Storage Store in a covered, well ventilated area. Store away from sources of heat. Prohibit open flames or potential flame sources in product storage areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits Use only in a well ventilated area to avoid exposure to dust/ particulate matter from the product.

Personal Protective Equipment Wear normal industrial Safety clothing - impervious PVC gloves, Safety goggles or Face Mask and Overalls. Replace dust mask filters on a regular and planned basis. Good general ventilation should be sufficient for most conditions of use. Always wash hands before smoking, eating, drinking or using toilet. Wash contaminated clothing and other protective equipment before re-using or storing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance white, rigid cellular solid

Odour None

pH Not applicable

Vapour Pressure Not applicable

Vapour Density [Air = 1] Not applicable

Melting Point 80 °C

Boiling Point Not applicable

Solubility in Water Insoluble

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Solubility in Organic Solvents	Generally soluble
Specific Gravity [Water = 1]	0.011 – 0.030 g/ml (25°C)
Flashpoint	Not applicable
Flammability	Combustible. Air / dust mixtures are flammable.

10. STABILITY AND REACTIVITY

Stability	Stable
Hazardous Polymerisation	Will not occur.
Materials to Avoid	Reacts with organic solvents.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No specific data available.
Inhalation	Dust from sanding or cutting of mouldings may cause mild irritation to the upper respiratory tract. Hot wire cutting may generate fumes which are irritating to the nose / throat.
Ingestion	No significant effects expected. Dust from sanding or cutting may be a physical irritant. Hot wire cutting may generate fumes, which are irritating to the eyes.
Skin	Prolonged or repeated contact may cause skin irritation.
Eye	Dust from sanding or cutting of mouldings may cause mild irritation. Hot wire cutting may generate fumes which are irritating to the eyes.
Chronic Effects	No specific data available.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways with any dust / particulate residues.

13. DISPOSAL CONSIDERATIONS

Solid Residues	Dispose of in solid waste.
Containers	Not applicable

14. TRANSPORT INFORMATION

This product is not classified in the Australian Dangerous Goods Code either by reference to a specific substance name or a generic substance name or group.

UN Number	None allocated
Proper Shipping Name	Not applicable
DG Class	Not relevant
Hazchem Code	Not relevant
Packaging Group	Not relevant
EPG Number	Nil
IERG Number	Nil

15. REGULATORY INFORMATION

Risk Phrase	Nil
Safety Phrase	Nil
Poisons Schedule	None allocated
Hazard Category	Non hazardous

16. OTHER INFORMATION

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END OF MSDS
