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KI_DP024
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SAFETY DATA SHEET

Space Board

1. IDENTIFICATION	2. HAZARD IDENTIFICATION
Extruded Polystyrene Foam (XPS) for insulation	Non hazardous in finishing form. Residual quantities of process chemicals, styrene and blowing agents are insignificant. The product is organic and therefore combustible if exposed to intense heat or a fire. Polystyrene melts at high temperature and molten droplets may cause skin burns.
3. COMPOSITION	4. FIRST AID MEASURES
Polystyrene with colouring, HFC gaseous blowing agent and 1% wt/wt May contain Hexabromocyclododecane (HBCDD) < 0.1% CAS No. Blowing agent 811-97-2 and 75-37-o. Flame Retardant 3194-55-6, EC-Number 221-695-9; Hazard symbol:N; R Phrase 50/53	EYES: If dust particles enter the eye, wash with water. If any irritation symptoms persist seek medical advice Skin: After use, wash with soap and water. If in contact with molten material treat affected area immediately with cold water and seek medical attention. Do not attempt to remove any molten or solidified material from the skin. Inhalation: Dust particles from cutting are unlikely to be of inhalable dimensions unless power tools are used. If problems are experienced, remove to fresh air and drink water.
5. FIRE FIGHTING MEASURES	6. ACCIDENTAL RELEASE MEASURES
Extinguishing Media: water, foam, carbon dioxide or dry chemical powder. Products of Combustion: those normally associated with combustion of organic hydrocarbons and should be considered toxic. Will include carbon monoxide, carbon dioxide and hydrogen bromide. Dense smoke will be generated and suitable breathing apparatus should be worn when fighting fires.	The product is in solid form and poses no hazard. See 13 for disposal considerations.
7. HANDLING AND STORAGE	8. EXPOSURE CONTROLS - PERSONAL PROTECTION
Do not store near to any sources of heat. When installing products beware of strong winds, especially when working at heights. Avoid dust generation during secondary processing. Hand cutting tools should be used when possible. If power tools are used, suitable dust extraction should be used and/or respiratory and eye protection.	Respiratory protection: No MEL applicable but if dust is generated it is recommended that a disposable face mask complying with BSEN 149 type FFP1 or FFP2 is used to improve comfort. Hand and skin protection: No special precautions but gloves may be worn for comfort. Eye protection: When cutting or processing with power tools, or working with product above head height, eye protection complying with BS EN 166 is advised.
9. PHYSICAL & CHEMICAL PROPERTIES	10. STABILITY AND REACTIVITY
Appearance – rigid closed cell plastic foam usually pink in colour, but may be made in other colours Melting Point – above 110°C Flash point – above 300°C Odour – odourless Solubility – insoluble in water and generally chemically inert. Soluble in organic solvents.	Stable under normal conditions of use. Resistant to many chemicals but not to solvents. Care should be taken in the choice of adhesives to be used with Polyfoam. Avoid exposure to heat and flames, and prolonged exposure to sunlight. Decomposition products – fumes from molten material and smoke from fires involving the product can contain toxic gases such as carbon monoxide, carbon dioxide and hydrogen bromide.
11. TOXICOLOGICAL INFORMATION	12. ECOLOGICAL INFORMATION
Extruded polystyrene is non-toxic and not irritating to the skin or eyes.	It is free of HCFC blowing agents and complies with EU Regulation EC/3093/94 on substances, which deplete the ozone layer. This product contains a substance which is classified as dangerous for the environment. However recent studies on aquatic organisms have shown that articles such as XPS foams, while containing this substance, do not need to be classified for environmental hazard
13. DISPOSAL CONSIDERATIONS	14. TRANSPORT INFORMATION
Recover or recycle whenever possible. Waste material is not classified as hazardous Waste and may be disposed of in normal landfill or by incineration under controlled and approved conditions.	Not classified as hazardous for transportation
15. REGULATORY INFORMATION	16. OTHER INFORMATION
No specific regulations apply. At all times, observe general health and safety guidance. A MEL of 10mg/m ³ 8 hour TWA applies to all inhalable dusts. REACH regulation (EC) No 1907/2006. This product is an Article.	If using adhesives with this product follow the adhesive manufacturer's instructions carefully. This Safety Data Sheet has been drafted in accordance with EU Directive 91/155/EC as amended by 2001/58/EC.

Revised Feb 2009; HBCDD < 0.1%
Date of previous revisions: