

SOUNDPROOFING MAT (SBM5)

HEALTH AND SAFETY DATA SHEET

1.0 IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

- 1.1 PRODUCT: SBM5 (NON-REINFORCED MONOLAYER)
- 1.2 SUPPLIER: SOUND SERVICE (OXFORD) LTD
ADDRESS: 55 WEST END, WITNEY, OXFORDSHIRE, OX28 1NJ
TELEPHONE: 0845 363 7131

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

- 2.1 COMPOSITION: POLYMER COMPOUND BASED ON POLYVINYL CHLORIDE
PLASTICISED WITH PHTHALATE ESTER PLASTICISERS AND LOADED WITH
INERT MINERAL FILLERS
THE SHEET MAY HAVE A PLASTICISED PVC TOP COAT

3.0 HAZARDS IDENTIFICATION

Under normal conditions of use the material will present no unusual hazard

4.0 FIRST AID MEASURES

- 4.1 INHALATION: NOT APPLICABLE at ambient temperature. In a situation where material is thermally degrading move to fresh air and consult a doctor if necessary
- 4.2.1 SKIN CONTACT: NOT APPLICABLE at ambient temperature. On contact with molten material wash abundantly with cold water. Treat affected areas as thermal burns
- 4.3 EYE CONTACT: NOT APPLICABLE at ambient temperature. On contact with molten material wash immediately and abundantly with cold water and seek medical attention
- 4.4 INGESTION: NOT APPLICABLE

5.0 FIRE FIGHTING MEASURES

- 5.1. SUITABLE EXTINGUISHING MEDIA: Use any commonly available fire extinguisher. Water sprays effective but water jets (hoses) not recommended at early stages to prevent flame propagation. It is recommended that advice is obtained from local fire authorities with respect to extinguisher type and use for various storage environments (ie. Where electrical equipment is present)
- 5.2 UNSUITABLE EXTINGUISHING MEDIA: Not applicable
- 5.3 SPECIAL EXPOSURE HAZARDS: As with 'all' burning organic materials the gasses produced are toxic and mainly CARBON MONOXIDE (CO), HYDROGEN CHLORIDE (HCL) AND CARBON DIOXIDE (CO₂)

EST. 1969

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5.4 SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Self-contained breathing apparatus should be worn

6.0 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS: Not applicable under ambient temperature. Avoid skin contact with hot product

6.2 ENVIRONMENTAL PRECAUTIONS: No specific hazard but we advise the material is not released into the environment

6.3 METHODS FOR CLEANING UP: Not applicable

7.0 HANDLING AND STORAGE

7.1 HANDLING: No special measures required. Observe standard conditions of personal hygiene. Gloves may be required for repeated handling of the material. During higher temperature processes and during conversion operations, provide ventilation of the premises to remove any vapour or dust likely to be given off

7.2 STORAGE: No special storage requirements. Protect the material from heat and store in cool conditions

8.0 exposure control/personal protection

8.1 RESPIRATORY PROTECTION: Not applicable generally but in higher temperature processes or conversion operations ventilation of the work area is required to remove any vapour or liberated dust

8.2 HAND PROTECTION: For repeated handling at ambient temperatures latex or cotton gloves may be preferred. For hot material, wear thermal gloves

8.3 EYE PROTECTION: Not applicable at ambient temperatures. If working with hot or near molten material, wear safety glasses or goggles

8.4 SKIN PROTECTION: Not applicable at ambient temperature. If working with hot or near molten material, protective clothing is recommended

9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE: Black flexible sheet

9.2 ODOUR: Vinyl odour

9.3 pH: Not applicable

9.4 BOILING POINT/BOILING RANGE: Not applicable

9.5 MELTING POINT/MELTING RANGE: Material will soften at above 60°C

9.6 FLASH POINT: Not applicable

9.7 FLAMMABILITY: Not easily flammable but under an intense fire situation it will contribute

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- 9.8 EXPLOSIVE PROPERTIES: Not applicable
- 9.9 OXIDISING PROPERTIES: Not applicable
- 9.10 DENSITY: Polymer Layer = 2.5gcm^{-3}
- 9.11 SOLUBILITY: INSOLUBLE IN WATER, SOLUBLE in Methyl ethyl ketone (MEK) Tetrahydrofuran and some other polar organic solvents
- 9.12 OTHER DATA: Not applicable
- 10.0 STABILITY AND REACTIVITY**
- 10.1 CONDITIONS TO AVOID:
Under normal storage conditions the material will be stable and unreactive. At elevated temperatures for a prolonged time ($140^{\circ}\text{C}+$) thermal decomposition gasses can be liberated which will auto catalyse further degradation
- 10.2 MATERIALS TO AVOID:
The material should present no special hazard in contact with other materials unless these materials themselves are very reactive
- 10.3 HAZARDOUS DECOMPOSITION PRODUCTS:
At ambient temperatures material is stable and unreactive. Under elevated temperatures below combustion thermal decomposition will yield CARBON MONOXIDE, CARBON DIOXIDE and HYDROGEN CHLORIDE
- HYDROGEN CHLORIDE gas is irritating to the mucous membranes of the nose and throat and will cause corrosive damage to metals in sufficient concentration
- 11.0 TOXICOLOGICAL INFORMATION**
- To the best of our knowledge the product does not present a toxicological hazard. As a solid material exposure routes through inhalation, skin and eyes are not applicable. In the unlikely event of ingestion seek medical attention
- 12.0 ECOLOGICAL INFORMATION**
- 12.1 PERSISTENCE/DEGRADABILITY (IN WATER): Inert polymer. Not biodegradable
- 13.0 DISPOSAL CONSIDERATIONS**
- Incinerate or landfill to current local authority legislation
- 14.0 TRANSPORT INFORMATION**
- To the best of our knowledge no special transport regulations apply to this product

REGULATORY INFORMATION

SAFETY DATA SHEET COMPILED IN ACCORDANCE WITH 91/155/EEC AND CHIP2:CHEMICAL (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS 1994

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15.0 OTHER INFORMATION

RECOMMENDED USES:

NOISE CONTROL

ISSUE No. 1
Date: 1.9.03

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