

DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: Synthetic Wood
PRODUCT TYPE: Polystyrene Foam
SUPPLIER: SustainaBoard UK Limited.

2. COMPOSITION/INGREDIENTS

Substance Styrene homopolymer - CAS NO. 9003-53-6
Talc - CAS no. 14807-96-6
Impact Modifier - Polystyrene component CAS No. 9003-53-6 -
Rubber component CAS No. 25038-36-2
EPS - CAS No. 9003-53-6 Polystyrene CAS No. 109-66-0 Pentane
UV Stabilisers - CAS no. 2440-2-4 - CAS No. 52829-07-9 - CAS No.
2082-79-3

3. HAZARDS IDENTIFICATION

Human health hazards: Not classified as dangerous under EC
criteria

Safety hazards: Not classified as dangerous under EC criteria
Environmental hazards: Not classified as dangerous under EC
criteria

4. FIRST AID MEASURES

- Inhalation: No specific measures
- Eye: Flush eye with water
- Ingestion: No specific measures

5. FIRE FIGHTING MEASURES

Specific hazards: Carbon monoxide may be evolved if incomplete
combustion occurs.

Extinguishing media: Foam, water spray or fog. Dry chemical
powder, carbon dioxide, sand or earth may be used for small fires
only.

Unsuitable extinguishing media: Water in a jet

Protective equipment: Full protective clothing and self-contained
breathing apparatus.

6. HANDLING AND STORAGE

Handling:

- Avoid contact with heated or molten product.
- Do not breath dust or fumes or vapours from heated product.
- Avoid generation or accumulation of dusts
- Take precautionary measures against static discharges
- Earth all equipment

Storage:

- Must be stored internally
- Storage temperatures: Ambient
- Product transfer: No special measures

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit: No special requirements

Respiratory protection: Not normally required. If risk of dust
inhalation wear general purpose dust respirator

- Hand protection: No special requirements
- Eye protection: Goggles: when cutting or working material
- Body protection: Standard issue work clothes and safety shoes.

8. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Solid
- Colour: Various to suit requirements
- Odour: Odourless
- Density: Circa 0.5 to 0.65
- Softening point: 91oC ISO 306
- Flash point: > 250oC
- Solubility in water: Insoluble

9. STABILITY/REACTIVITY

- Stability: Stable
- Conditions to avoid: None known
- Hazardous decomposition products: None known

10. TOXICOLOGICAL INFORMATION

Basis of assessment: Information given is based on knowledge of
the constituents and the toxicology of similar substances.

- Acute toxicity - oral: LD50:> 2000 mg/kg
- Acute toxicity - dermal LD50: >2000 mg/kg
- Eye Irritation: Not irritating
- Skin Irritation: Not irritating
- Skin Sensitisation: Not a skin sensitiser

11. ECOLOGICAL INFORMATION

Basis for assessment: Information given is based on knowledge of
the constituents and the ecotoxicology of similar substances.

- Mobility: Floats in water
- Persistence/degradability: Not readily biodegradable
- Bioaccumulation: Does not bio accumulate
- Ecotoxicity: Not toxic at the limit of water solubility
- Sewage treatment: Not toxic at the limit of water solubility

12. DISPOSAL CONSIDERATIONS

Product disposal: Recover or recycle if possible. Otherwise
incineration

Local legislation: Not classified as chemical waste

13. TRANSPORT INFORMATION

Not dangerous for conveyance under UN, IMO, ADR/RID AND
IATA/ICAO codes.

This information is based on our current knowledge and is intended to
describe the product for the purpose of health, safety and environmental
requirements only. It should not therefore be construed as guaranteeing any
specific property of the product.