

ECOSCAPES

Material Safety Data Sheet

This Material Safety Data Sheet (MSDS) applies to all Primacoustic polyester fibre acoustic panels

1. Product Identification

Product	Manufacturing Location
EcoScapes Panel	China

Synonyms: Primacoustic polyester fibre acoustic panels

2. Composition

Polyester Fibres (Polyethylene Terephthalate) - 100% - including up to 50% post-consumer recycled content.

3. Hazard Identification

Physical Hazards: Polyester fibre product is chemically stable and resistant to attack by oils, solvents, weak acids and weak alkalis. The product will burn if exposed to flame.

Health Hazards: Not normally a hazard to eyes, skin, if swallowed or inhaled, due to the physical form of a product. This product is non-irritant and does not present any health hazard during manufacture, normal handling or use.

Primary Route(s) of Exposure:

(X) Ingestion:

(X) Skin: Dust

(X) Inhalation: Dust

Medical Conditions Generally Aggravated by Exposure: EcoScapes dust may aggravate existing respiratory conditions.

Chronic Health Hazards: EcoScapes dust has not been associated with any long term health effects including cancer in animals as well as humans.

4. Emergency and First-Aid Procedures

The ingredients in EcoScapes include no known poisonous compounds, although should not be ingested.. In the event of ingestion of a substantial ingredient quantity, give water and induce vomiting. Burns caused by molten ingredient require medical treatment.

5. Fire and Explosion Data

Flash Point (Method Used): NAP

Flammable Limits:

LEL: NAP

UEL: NAP

5. Fire and Explosion Data *continued*

Extinguishing Media: Water, carbon dioxide, sand or dry chemical.

Autoignition Temperature: Variable [typically 1200-1600oC]

Special Firefighting Procedures: None.

Unusual Fire and Explosion Hazards: None.

Precautionary measures should be taken against static discharge. Products resulting from combustion of polyester will comprise of carbon, hydrogen and oxygen, the exact composition depending on the conditions of combustion.

6. Accidental Release Measures

Steps to be Taken In Case Material Is Released or Spilled: Not applicable for product in purchased form. Dust generated from sawing, sanding, drilling, or routing of products may be vacuumed or shovelled for recovery or disposal. Avoid dusty conditions and provide good ventilation. A dust respirator should be worn if dust exposure limits are exceeded.

7. Handling and Storage

Precautions to be Taken In Handling and Storage: No special handling precautions are required for products in purchased form. Keep in cool, dry place away from open flame. Store in well ventilated area.

8. Exposure Control Measures

Personal Protective Equipment:

RESPIRATORY PROTECTION - Not applicable for product in purchased form. A dust respirator is recommended when allowable exposure limits are exceeded.

PROTECTIVE GLOVES - Not required. However, cloth, canvas, or leather gloves are recommended to minimize potential mechanical irritation slivers from handling and machining product.

EYE PROTECTION - Not applicable for product in purchased form. Goggles or safety glasses are recommended when machining this product.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT - Not applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas.

WORK/HYGIENE PRACTICES - Follow good hygienic and housekeeping practices. Clean up areas where dust settles to avoid excessive accumulation of this combustible material. Minimize blowdown or other practices that generate high airborne dust concentrations.

Ventilation:

LOCAL EXHAUST - Provide local exhaust as needed so that exposure limits are met.

MECHANICAL (GENERAL) - Provide general ventilation in processing and storage areas so that exposure limits are met.

SPECIAL - None.

OTHER - None.

9. Physical/Chemical Properties

Boiling Point (@ 760 mm Hg): NAP

Vapour Pressure (mm Hg): NAP

Vapour Density (air = 1; 1 atm): NAP

Specific Gravity (H₂O = 1): 0.22 g/ml

Melting Point: NAP

Evaporation Rate (Butyl acetate = 1): NAP

Solubility in Water (% by weight): <0.1

% Volatile by Volume [@ 70oF (21oC)]: 0

pH: NAP

Oil-water distribution coefficient: NAP

Odour threshold: ND

10. Stability and Reactivity

Stability: () Unstable (x) Stable

Conditions to Avoid: Avoid open flame. Product may ignite at temperatures in excess of 1200oC.

Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents.

Hazardous Polymerization: () May occur (x) Will not occur

Sensitivity to Mechanical Impact: NAP

Sensitivity to Static Discharge: NAP

11. Toxicological Information

None available for product in purchased form.

12. Ecological Information

No information available at this time.

13. Disposal Considerations

Waste Disposal Method: Uncontaminated PET may be recycled in standard PET waste stream.

14. Transport Information

Not regulated as a hazardous material.

15. Additional Information

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Prepared By: Primacoustic

User's Responsibility: The information contained in this Material Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for their applications and to follow safety precautions as may be necessary. The user has the responsibility to make sure that this sheet is the most up-to-date issue.