

Safety Data Sheet

Acousti-TECH™ membranes Serie TECH 3500, 5000, 7000

Section 1. Product name and Manufacturer

Product identification: Acousti-TECH 3500™, Acousti-TECH 5000™, Acousti-TECH 7000™ membranes

CAS: Mixture

Recommended uses: Acoustical membranes for glued down wood flooring

Supplier / Manufacturer:

In case of emergency:

CANUTEC: (613) 996-6666

AcoustiTECH

150, Leon-Vachon

Saint-Lambert-de-Lauzon (Quebec) Canada G0S 2W0

Phone: 418-889-0001

Toll free: 888-434-9317

Section 2. Hazards identifications

GHS Classification



Not regulated under GHS

Section 3. Composition and information on the ingredients

<u>Name</u>	<u>CAS</u>	<u>Concentration %</u>
Poly (1-methylethylene)	9003-07-0	< 91.7%
Aluminium	7429-90-5	< 8.3%

Section 4. First aid measures

Description of necessary First-aid measures

Eye contact: Flush eyes with plenty of water. Check for contact lenses; carefully remove them if you can.

Skin contact: Wash with water and soap. Obtain medical assistance if irritation occurs.

Inhalation: Withdraw the person from the exposure area. Obtain medical assistance if irritation occurs.

Ingestion: Not probable. Obtain medical assistance if unusual reactions are observed.

Note to Physician: Not applicable

Section 5. Fire fighting measures

Flammability: Yes. The material will ignite in the presence of flame or extreme heat.

Auto-ignition temperature: > 343 °C (> 650 °F)

Flash point: Not applicable

Products of combustion: Sizable materials can thermically break down or burn and emit toxic vapors and smoke including carbon monoxide, carbon dioxide, hydrocarbon, aldehydes and of the traces of other chemicals

Exinction media: Use means applicable to surrounding areas.

Note: Firefighters must wear complete protective gear.

Section 6. Accidental release measures

Personal precautions: Use safety equipments including safety glasses, dust mask and work gloves.

Environmental precautions: Not applicable.

Methods for cleaning up: Collect the residues and dust with a vacuum cleaner to minimize dust emanation.

Section 7. Handling and Storage

Handling: During the handling or the application of the product: wear long sleeves, work gloves, safety glasses and dust mask. After handling or application of the product, wash exposed areas with a soft soap and rinse. Wash work clothes separately.

Storage: Store in a climate area and moisture controlled area.

Section 8. Exposure Controls, Personal Protections

Engineering controls: A good general ventilation will be sufficient to control the level of dust in the operating areas.

Personal protection equipment:

Eyes: Wear safety glasses with side shields.

Respiratory: Wear a NIOSH/MSA approved dust mask when dust is generated by sawing or tearing.

Hands and skin: Wear working gloves and long sleeves.

Section 9. Physical and chemical properties

Physical state: Solid

Appearance: Fibers reunited

Color: variable

Odor: Not available

Odor level: Not available

Melting point: > 160°C (> 320°F)

Boiling point: Not available

Vapors tension: None

Solubility: Not soluble in water

pH: Not available

Section 10. Stability and reactivity

Stability and reactivity: Chemically stable

Incompatibility: Strong acids, strong bases, oxidizing material

Corrosion: Not applicable

Reactivity: Not applicable

Water reactivity: Not applicable

Condition to be avoided: Excessive heat should be avoided. Minor amounts of vapors are produced at approximately 225 °C. These vapors increase gradually above the thermal degradation of 300 °C and oxidizing pyrolysis take place. Above 300 °C, the heat can produce a fast rise in the temperature which accelerates the decomposition. Under these circumstances, dangerous substances such as carbon monoxide, formaldehyde and acrolein can be emanated.

Section 11. Toxicological information

Toxicological data on dust level for fibers:

- **OSHA PEL:** 15mg/m³ (total dust) 8 hrs
- **OSHA PEL:** 5mg/m³ (respirable) 8 hrs
- **ACGIH TLV:** 10mg/m³ (total dust) 8 hrs
- **ACGIH TLV:** 3mg/m³ (respirable) 8 hrs

Time Weighted Average (TWA): 10 mg/m³

Toxicological data on chemicals components: Aluminum, CAS 7429-90-5

Time Weighted Average (TWA): 10 mg/m³

Routes of entry: Inhalation, skin, eyes.

Potential acute effects:

- **Eyes:** Temporary irritation of the eyes
- **Skin:** Temporary skin irritation for certain individuals
- **Inhalation:** Temporary irritation of the upper respiratory tracts
- **Ingestion:** Not likely

Potential chronic effects: No known effect to the eyes, the skin, the inhalation and the ingestion.

- **Carcinogenic effects:** None known
- **Mutagenic effects:** None known
- **Teratogenic effects:** None known
- **Toxicological synergistic effects:** None known
- **Medical conditions worsened by over-exposure:** Preexistent conditions can worsen mechanical irritation at the time of inhalation and cutaneous contact.

Section 12. Ecological information

Environmental precautions: Not available

Degradation products: Not available

Toxicity of the biological breakdown products: Not available

Section 13. Disposal considerations

Waste disposal: Residue should be laid out in a land fill, according to the federal, provincial and local regulations. Waste is not regarded as being dangerous defined according to RCRA (section 261 of CFR 40).

Section 14. Transportation Information

Classification TMD/ DOT/ IMDG/IATA label: Not applicable.

National Motor Freight Classification (NMFC): Not applicable.

Section 15. Regulatory information

GHS Classification:



Not regulated under GHS

WHMIS Classification:



Not regulated under WHMIS

EU Classification:

Not regulated under European community rules

U.S. Federal regulations

TSCA 8(b) inventory: Not listed

NFPA Classification:



Health: 0
Flammability: 1
Reactivity: 0
Special conditions: None

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slight, 0: None

Section 16. Additional information

Date of issue: March 16th, 2015

Validate by: Toxyscan inc., 1-866-780-0599

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither AcoustiTECH Innovation Inc., Toxyscan Inc, or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

References:

- ANSI Z400.1, MSDS Standard, 2001.
- Manufacturer's Material Safety Data Sheet.
- 29CFR Part1910.1200 OSHA MSDS Requirements.
- 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. -Canada
- Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List".
- Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2002.
- The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) <http://www.hc-sc.gc.ca/a>
- Material safety data sheet from the components.