

Safety Data Sheet

AcoustiTECH VP™

Section 1. Product name and Manufacturer

Product identification: AcoustiTECH VP™ membrane

Chemical formula: Not applicable

CAS: Not applicable

Material uses: Acoustical membrane for floated/laminate flooring

Manufactured for:

In case of emergency:

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AcoustiTECH

150 Leon-Vachon

Saint-Lambert-de-Lauzon, Quebec, Canada G0S 2W0

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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>
Polyethylene terephthalate (PET)	25038-59-9	< 84.5
Polyethylene (PE)	9002-88-4	< 12.8
Titanium dioxide	13463-67-7	< 2.7

Section 4. First aid measures

Description of necessary First-aid measures:

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

Skin: Rinse skin with plenty of water and wash exposed areas with soft soap and water.

Inhalation: Move the victim to fresh air. Obtain medical assistance if you feel unwell.

Ingestion: Unlikely, however, rinse mouth with water. Obtain medical help if you feel unwell.

Most important symptoms/ effects, acute and delayed:

Unlikely. Possible irritation symptoms in case of over exposure.

Indication of immediate medical attention and special treatment needed, if necessary:

Unlikely. Get medical attention in case of irritation symptoms.

Section 5. Fire fighting measures

Suitable extinguishing media

Use fire fighting methods and materials that are appropriate for surroundings.

Specific hazard arising from the chemical

Product will ignite in the presence of flame and extreme heat.

Special protective actions for fire-fighters

Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non emergency personnel: Avoid contaminated area.

For emergency personnel: Isolate spill and stop leak where safe. Wear appropriate protective equipment including safety glasses, dust mask and work gloves during clean up.

Environmental precautions:

Not applicable.

Methods and material for containment and cleaning up:

Collect the residues and dust with a vacuum cleaner to minimise dust emanation.

Section 7. Handling and Storage

Precaution for safe handling:

While handling the product, wear long sleeves, work gloves, safety glasses and dust mask. After handling, wash contaminated areas with soft soap and water. Wash work clothes separately.

Conditions for safe storage:

Store in a climate and moisture controlled area.

Section 8. Exposure Controls, Personal Protections

Control parameters for Titanium dioxide:

OSHA PEL: TWA 15 mg/m³

ACGIH TLV: TWA 10 mg/m³ (total dust) 8 hrs

Appropriate engineering controls:

General ventilation should be sufficient to control dust levels in operating areas.

Individual protection measures:

Eyes/Face protection: Safety glasses with side shields.

Skin protection: Wear work gloves and long sleeves.

Respiratory protection: Wear NIOSH approved dust mask when dust is generated by sawing or tearing.

Section 9. Physical and chemical properties

Physical state: Solid

Color: variable

Odor: Not available

Odor level: Not available

Melting point/Freezing point: > 255°C (490°F)

Boiling point: Not available

Flammability: Product will ignite if exposed to flame or extreme heat.

Lower and upper explosion limits: Data not available

Flash point: Data not available

Auto-ignition temperature: > 300°C (>572°F)

Decomposition temperature: Data not available

pH: Data not available

Kinematic viscosity: Data not available

Solubility: Not soluble in water

Partition in coefficient n-octanol/water: Data not available

Vapour pressure: Data not available

Density: Data not available

Relative vapour density: Data not available

Particle characteristics: Data not available

Section 10. Stability and reactivity

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: Product is not reactive under normal conditions

Condition to avoid: 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 will take place. Above 300 °C, the heat can accelerate the temperature rise which accelerates the decomposition. Under these circumstances, dangerous substances such as carbon monoxide, formaldehyde and acrolein can be emanated.

Incompatible materials: Strong acids, strong bases, oxidizing material

Hazardous decomposition products: Carbon oxides

Section 11. Toxicological information

Acute toxicity

Titanium Dioxide 13463-67-7

LC₅₀ Oral – Rat - 10000 mg/kg

LC₅₀ Inhalation - >5.09 mg/L – 4 h

Skin corrosion/irritation

Data not available

Serious eye damage/irritation

Data not available

Respiratory or skin sensitisation

Data not available

Gem cell mutagenicity

Data not available

Carcinogenicity

Not classified as a human carcinogen

Reproductive toxicity

Data not available

STOT- Single exposure

Data not available

STOT- repeated exposure

No data available

Aspiration hazard

No data available

Information on likely route of exposure:

Inhalation, eyes and skin

Section 12. Ecological information

Ecological data:

Name

Aluminum

Results

LOEC 0.1 mg/L

LC₅₀ 0.12 mg/L

Species

Ctenopharyngodon idella

Rainbow trout

Period

96 h

96 h

Persistence and degradability

Data not available

Bioaccumulative potential

Aluminum is biocumulative: Salvelinus fontinalis – 56d

Bioconcentration factor (BCF): 36

Mobility in soil

No data available

PBT and vPvB assessment

No data available

Other adverse effects

Very toxic to aquatic life with long lasting effects.

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

DOT: Not dangerous good

IMDG: Not dangerous good

IATA: Not dangerous good

Section 15. Regulatory information

WHMIS Classification:



D2B - Others toxic effects, irritant

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: Slightly, 0: Not hazardous

Section 16. Additional information

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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 Labeling of Chemicals (GHS) <http://www.hc-sc.gc.ca/a>
- Material safety data sheet from de components.