AcoustiTECH

Safety Data Sheet

SOFIX acoustic module

Section 1. Identification

Common name: SOFIX acoustic module
Product Code: 89800
Synonym: None
Material uses: Soundproofing for use in technical applications, industrial applications and in building construction.

Supplier / Manufacturer:
AcoustiTech
150, rue Léon-Vachon
St-Lambert-de-Lauzon Québec,
Canada, G0S 2W0 Phone:
(418) 889-0001
service@acousti-tech.com
www.acousti-tech.com

In case of emergency:
Chemtrec: (800) 424-9300
Or call your local Emergency Health Services Center.

Section 2. Hazards identifications

Classification:

None

Signal word: None

Hazard statements:
None

Precautionary statements:
None

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Biosoluble glass mineral wool	N/A	80 – 90
Thermo set, inert polymer bonding agent derived from plant starches	N/A	5 – 15
1-Octene ethylene copolymer	26221-73-8	1 - 5

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact: Rinse eyes thoroughly with water for at least 15 minutes.

Skin contact: If mechanical irritation occurs, remove contaminated clothing and wash skin gently with cold water and soap.

Inhalation: Remove from exposure. Rinse the throat and clear dust from airways.

Ingestion: Drink plenty of water if accidentally ingested.

Indication of immediate medical attention and special treatment needed, if necessary:
None specific

Section 5. Fire fighting measures

Flammability of the product:
Non-flammable

Flash point:
N/A

Auto-ignition temperature:
N/A

Products of combustion:
Carbon oxides, trace gases (ammonia, nitrogen oxides and volatile organic substances)

Special protective actions for fire-fighters:
In large fires in poorly ventilated areas involving packaging materials respiratory protection / breathing apparatus may be required.

Suitable extinguishing media:
Water spray, Carbon dioxide, Foam, Dry Chemical.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: **For non emergency personnel:** Not applicable
For emergency personnel: Not applicable

Environmental precautions:
Not relevant

Methods and material for containment and cleaning up:
Not relevant

Section 7. Handling and storage

Precautions in Handling:

Avoid unnecessary handling of the bulk product. No special measures. Cut with a knife, do not use a saw or power tools. Provide effective ventilation. Assure proper respiratory protection if potential dust exposure exceeds occupational exposure limits.

Precautions in Storage:

To ensure optimum product performance; when packaging is removed or opened; products should be stored inside or covered to protect them from ingress of rain water or snow. Storage arrangements should ensure stability of stacked products and use on a first in first out basis (FIFO) is recommended.

Section 8. Exposure Controls, Personal Protections

Control parameters:

Component	CAS	Value	Control parameters	Basis
Biosoluble glass mineral wool	N/A	TWA	10 mg/m^3	Québec

Engineering controls:

Maintain sufficient mechanical or natural ventilation to assure fiber concentrations remain below occupational exposure limits. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices.

Personal protective equipment:

Eyes: Use glasses or goggles when working with mineral wool insulation above shoulder height or in dusty environments.

Skin/body: Minimize direct contact with skin in order to prevent mechanical itching.

Respiratory: In dusty environments, use suitable respiratory protection.

Hands: Wear chemical resistant protective gloves.

Other: When heated to temperatures above 400ºF for the first time, release of binder components and binder decomposition products can occur which, in high concentrations, may irritate eyes and the respiratory system. The duration of release is dependant upon the thickness of the insulation, binder content and the temperature applied. Adequate ventilation should be provided. In confined spaces or where ventilation is not possible, occupants should wear appropriate self-contained breathing apparatus.

Section 9. Physical and chemical properties

Physical state: Solid

Color: Brown

Odour: Data not available

Melting point/Freezing point: Data not available

Boiling point: Data not available

Appearance: Rolls, loose fiber, panel

Flash point: Data not available

Auto-ignition temperature: Data not available

pH: Data not available

Solubility: Generally chemically inert and insoluble in water.

Density: 7 - 250 kg/m

Section 10. Stability and reactivity

Chemical reactivity: Stable under recommended storage conditions.

Chemical stability: Binder will decompose above 400 ºF

Possibility of hazardous reactions: None expected

Conditions to avoid: Heating above 400ºF

Incompatible materials: Hydrofluoric acid will react with and dissolve glass.

Hazardous decomposition products: None in normal conditions of use. When heated to temperatures above 400ºF for the first time, release of binder components and binder decomposition products can occur which, in high concentrations, may irritate eyes and the respiratory system. The duration of release depends upon the thickness of the insulation, binder content and the temperature applied Adequate ventilation should be provided. In confined spaces or where ventilation is not possible, occupants should wear appropriate self-contained breathing apparatus.

Section 11. Toxicological information

Acute toxicity:

1-Octene ethylene copolymer	26221-73-8	DL_{50} Oral: Rat > 5000 mg/Kg DL_{50} Cutaneous: Rabbit > 2000 mg/Kg

Skin corrosion/irritation:
Not applicable

Serious eye damage/irritation:
Not applicable

Respiratory or skin sensitisation:
Not applicable

Gem cell mutagenicity:
Not applicable

Carcinogenicity:
Not applicable

Reproductive toxicity:
Not applicable

STOT- Single exposure:
Not applicable

STOT- repeated exposure:
Not applicable

Aspiration hazard:
Not applicable

Information on likely route of exposure:
Not applicable

Section 12. Ecological information

Ecological data for aquatic environments:

None

Persistence and degradability:
Data not available

Bioaccumulative potential:
Data not available

Mobility in soil:
Data not available

Other adverse effects:
Data not available

Section 13. Disposal considerations

Waste disposal:
Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers.

Section 14. Transportation information

No TDG/DOT/IMDG/IATA Classification

Section 15. Regulatory information

General product information:
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Section 16. Additional information

Date of issue:
2018-02-14

Version:
1.00

Elaborated by:
Toxyscan inc.

Notice to reader:
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Références:

- *Répertoire toxicologique of la Commission des normes, de l'équité, de la santé et de la sécurité du travail.*
- *Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.*
- *Material safety data sheet from the manufacturer.*
- *Hazardous Products Regulations (DORS/2015-17).*
- *Canadian Transport of Dangerous Goods.*
- *The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) http://www.hc-sc.gc.ca/a*