

Safety Data Sheet

Section 1 Identification

- a) Product Name : Tectum Panels
- b) Technical Name : Wood-Cement Board
- c) Formula : Proprietary
- d) Use: Acoustical wall, ceiling and roof deck panels
- e) Manufacturer: **Tectum Inc.**
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Section 2 Hazard Identification

- a) There are no known hazards associated with the panels
- b) Dust from cutting or fabrication is a nuisance dust

Section 3 Composition/Information on Ingredients

- a) Aspen Wood Excelsior: 44%
- b) Magnesium Oxide (CAS #: 1309-48-4): 25%
- c) Sodium Silicate Glass (CAS #: 1344-09-8): 16%
- d) Magnesium Sulfate (CAS #: 7487-88-9): 9%
- e) Calcium Carbonate (CAS #: 471-34-1): 6%

Section 4 First Aid Measures

- a) If exposure to dust from fabrication causes respiratory issues remove individual from area

Section 5 – Fire Fighting Measures

FLAMMABLE PROPERTIES:

- a) Flash point: Not applicable.
- b) Combustible: Material may burn on contact with oxidizers or ignition sources.

FLAMMABLE LIMITS:

- a) Lower flammable limit: Not applicable.
- b) Upper flammable limit: Not applicable.

AUTOIGNITION TEMPERATURE: Typically 450-600° F.

EXPLOSION HAZARD: None

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, cyanides, and other hazardous gases, vapors, and particles.

EXTINGUISHING MEDIA: Water, dry chemical and other agents rated for a wood fire (Type A fire). Use an extinguisher rated for a Type A fire.

FIRE FIGHTING INSTRUCTIONS: Evacuate the area and notify the fire department. If possible isolate the fire by removing other combustible materials. If the fire is small, use a hose-line or extinguisher rated for a Type A fire. If possible, dike and collect water used to fight fires. Fire fighters should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Does not apply.

Section 7 - Handling and Storage

- a) Handling-Provide ventilation to limit dust exposure
- b) Storage-Keep product away from sources that exceed the auto ignition limit

Section 8 - Exposure Controls/Personal Protection

- a) Engineering controls-provide dust collection when fabricating
- b) Eye Protection: Eye goggles or safety glasses with shields recommended when handling, sawing, routing, etc.
- c) Skin Protection: Protect from mechanical abrasion. Long-sleeve shirts and gloves recommended.
- d) Respiratory Protection: Mechanically filtering dust masks (NIOSH Approved half face respirator) recommended when handling, sawing, routing, etc.

Section 9 - Physical and Chemical Properties

- Appearance. Off white, solid
- Odor; slight to none
- Odor threshold; N/A
- pH; N/A
- Melting point/freezing point; N/A
- Initial boiling point; N/A
- Flash point; N/A
- Evaporation rate; N/A
- Flammability (solid, gas); N/A
- Upper/lower flammability or explosive limits; N/A
- Vapor pressure; N/A
- Vapor density; N/A
- Relative density; 16-26 lbs/ft³
- Solubility; N/A
- Partition coefficient: n-octanol/water; N/A
- Auto-ignition temperature; N/A
- Decomposition temperature; N/A
- Viscosity; N/A

Section 10 - Stability and Reactivity

- Chemical Stability: Stable
- Incompatibility: Keep away from high temperatures and strong oxidizers, such as concentrated nitric acid, oxygen, hydrogen peroxide, and chlorine.
- Hazardous Decomposition Products: Carbon monoxide, hydrogen cyanide, and other products of wood combustion.
- Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

WOOD DUST: Wood dust from some tree species may induce sensitization.

Section 12 – Ecological Information

These wood-cement products are not expected to pose an ecological hazard as a result of their intended uses.

Section 13 – Disposal Considerations

Dispose of waste according to local, state/provincial, and federal requirements.

Section 14 – Transport Information

National Motor Freight Class – Class 65

Placards/Labels – N/A

Section 15 – Regulatory Information

N/A

Section 16 – Other Information

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