

Tectum Panels

Material Safety Data Sheet

Effective Date : January 1st 2014

I. Identification

a) Product Name : Tectum Panels
b) Technical Name : Wood-Cement Board
c) Formula : Proprietary

II. Ingredients

a) Aspen Wood Exelsior : 44%
b) Magnesium Oxide : 25%
c) Solidum Silicate Glass : 16%
d) Magnesium Sulfate : 9%
e) Calcium carbonate : 6%

III. Physical Data

a) Appearance : Roof Deck or Interior Panels
b) Color : Light Tan to White
c) Odor : None
d) Density : 16-30 lb. per cubic foot
e) Solubility in Water : Minimal

IV. Fire & Explosion Data

: 560 - 800 F
a) Auto-Ignition Temperature : Water, Carbon Dioxide Foam or Dry Chemical
b) Extinguishing Media : Full Emergency Equipment with self-contained breathing
c) Special Firefighting Procedures : apparatus should be worn by Firefighters.

V. Physical Hazards

a) Stability : Stable
b) Incompatibility : None known
c) Hazardous Decomposition Products : Carbon Dioxide and Carbon Monoxide
d) Hazardous Polymerization : None

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VI. Health Hazards

At present there are no existing limit value set on existing limit values set on exposure to wood cement boards. Machining or cutting can cause dust. Primary route of entry is inhalation of dust. As with any nuisance dust, Tectum dust can cause irritation to the eyes, nose and throat. Current indications are that these irritations do not result in permanent damages. None of the ingredients are known to cause cancer.

VII. First Aid Procedures

- a. Eye Contact : Flush with clean lukewarm (low pressure) for at least 15 minutes occasionally lifting eyelids.
- b. Inhalation : Move to area free from risk of exposure.
- c. Ingestion : Move to area free from risk of exposure.

VII. Employee Protection Recommendations

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

IX. Additional Information

- a. Precautions to be taken in handling and storage
 1. Store panels with adequate aisle ways to permit access to all areas.
 2. Provide adequate blocking to maintain straight and plumb stacks.
 3. Avoid direct contact with open flames or torches
- b. Disposal of wood-cement boards
 1. Do not allow dust or scarp to accumulate. Keep work area clean and orderly.
 2. Scarp disposal should be done according to good industrial practice and environmental protection regulations. A sanitary landfill should be used when possible.
- c. or more detailed information of precautions for the proper handling and storage of Tectum products contact AcoustiGuard - Wilrep Ltd. at 1-888-625-8944.