



Tectum Inc.
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Material Safety Data Sheet

Effective Date	: January 2, 2008
I. Identification	
a. Product Name	: Tectum Panels
b. Technical Name	: Wood-Cement Board
c. Formula	: Proprietary
II. Ingredients	
a. Aspen Wood Excelsior	: 44%
b. Magnesium Oxide	: 25%
c. Sodium 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	
a. Auto-Ignition Temperature	: 560 - 800 F
b. Extinguishing Media	: Water, Carbon Dioxide Foam or Dry Chemical
c. Special Firefighting Procedures	: Full Emergency Equipment with self-contained breathing 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

VI. Health Hazards

At present there are no 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 damage. 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.

VIII. 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 scrap to accumulate. Keep work areas clean and orderly.
 2. Scrap disposal should be done according to good industrial practice and environmental protection regulations. A sanitary landfill should be used when possible.
- c. For more detailed information of precautions for the proper handling and storage of Tectum products, contact the sales department, Tectum Inc., Newark, Ohio.