



## SAFETY DATA SHEET

### OCTOTERRA – PLAITED WOOD PANELS

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#### SECTION 1: Identification

**Product Name** : Octoterra Plaited Wood Panels (All types and thicknesses)  
**Synonyms** : None  
**Code** : Octoterra Series OTM and OTP

**Supplier Details** : Octopus Products Limited  
23 Gurney Crescent  
Toronto, ON M6B 1S9  
Canada

**Information telephone number** : 1-877-628-6526 (North America – 8am to 4:30 pm EDT/EST)

#### SECTION 2: Hazards Identification

**GHS Classification** : Not classified. Material is non-hazardous  
**GHS Signal Word** : Not applicable  
**GHS Pictograms** : Not applicable

**Precautionary Statements:** : No known hazards for material as supplied. During fabrication operations such as sawing, sanding, drilling, routing, cutting etc. dust consisting softwood.

**Appearance/Odor:** : Thin to thick, rigid and flexible plaited wood panels or tiles.

**WARNING:** : Sanding, sawing, drilling, routing, etc. of this material may generate airborne nuisance dust. This dust may cause eye, nose, skin, and upper respiratory tract irritation. Use of appropriate personal protection and/or engineering controls (such as local exhaust ventilation) should be employed.

- Potential Health effects** : Dust generated during fabrication of this material may cause irritation of the eyes, nose skin and upper respiratory tract. Asthmatic conditions maybe aggravated by the dust generated.
- Likely Routes of Exposure** : Eye contact, skin contact and inhalation
- Eyes** : Dust generated during installation or fabricating could cause eye irritation (tears, blurred vision and redness). In case of eye contact with dusts, rinse affected eye for at least 15 minutes with clean water. If irritation persists, seek medical attention. Wood dust may aggravate pre-existing respiratory sensitization and/or irritation after repeated contact, and has been alleged to cause nasal sinus cancer from certain European hardwoods, oak, and beech.
- Skin** : The dust generated during installation or fabrication may cause moderate skin irritation. Avoid prolonged skin exposure to dust. Rinse skin with mild soap if contact occurs. If irritation persists, seek medical attention.
- Ingestion** : Not likely to occur and not expected to cause a significant toxic response. However, ingestion of dust could cause irritation of the mouth, throat and stomach. If this occurs, rinse mouth with clean water. If irritation persists, seek medical attention.
- Inhalation** : Sanding, sawing, drilling, routing or cutting of this material may generate airborne dust that may cause eye, nose and upper respiratory tract irritation. Use appropriate personal protection and/or engineering controls (such as local exhaust ventilation whenever sanding, routing, sawing, drilling, and cutting, etc. on this material.
- Medical Conditions** : Dust may cause skin irritation to people with pre-existing skin conditions.
- Aggravated by Exposure** : Asthmatic conditions may be aggravated by additional dust exposure.
- Target Organs** : Lungs (From dust generated during fabrication only)

### **SECTION 3: Composition/Information on Hazardous Ingredients**

This product does not contain regulated levels of NTP, IARC, or OSHA listed carcinogens

**Wood Dust** : Softwood/hardwood  
OSHA PEL-TWA5 mg/m<sup>3</sup>  
OSHA PEL-STEL10 mg/m<sup>3</sup>  
Coconut husk: OSHA PEL-TWA2.5 mg/m<sup>3</sup>

### **Section 4: First Aid and Measures**

**Eye contact** : If dust gets into the eyes, immediately rinse affected eye for at least 15 minutes with clean water. If irritation persists, seek medical attention.

**Skin contact** : If excess dust gets onto the skin, remove contaminated clothing and wash before reuse. Wash skin with soap and water. Seek medical attention if irritation occurs.

**Ingestion** : If dust gets into mouth, rinse mouth with clean water. Seek medical attention if necessary.

**Inhalation** : Wood dust may cause unpleasant deposits or obstruction in nasal passages, resulting in dryness of nose, dry cough and headaches. Remove to fresh air. Get medical help if persistent irritation, severe coughing or breathing difficulty occurs.

## Section 5: Fire Fighting Measures

This material is a Class A combustible material. Use water spray, carbon dioxide or dry chemical foam to extinguish flames. Use water to keep cool and prevent rekindling of material.

**Unusual Fire or Dust** : Sanding, sawing, drilling, routing, cutting, etc. of this material may generate a Class ST-1 dust.

**Explosion Hazards** : Safety precautions and proper ventilation as recommended by NFPA-68 for Class ST-1 dusts should be followed to prevent this or any Class ST-1 dust from presenting an explosion hazard.

**Suitable Extinguishing Media** : CO<sub>2</sub>, water, foam

**Possible Products Combustion** : Wood dust

**Protection of Firefighters** : Combustion products may be irritating to eyes, skin and the respiratory tract. Firefighters: Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

## Section 6: Accidental Release Measures

**Personal Precautions** : Material is non-hazardous as supplied. Review personal protection measures in Section 8.

**Methods for Clean-up** : Recover undamaged materials for reuse or reclamation. Sweep or pick up scrap material and place in disposal containers.

## Section 7: Handling and Storage

- Handling** : Prevent dust from entering eyes. Do not breathe dust. Avoid prolonged skin contact with dust and/or filings. Cut, drill, saw, sand and finish, etc. in well-ventilated areas.
- Storage** : Keep in cool, dry place away from open flame. Store in well ventilated areas.

## Section 8: Exposure Controls/Personal Protection

- Exposure Guidelines** : None. Not toxic to humans. Consult local authorities and regulation for exposure limits.
- Engineering Controls** : Provide adequate ventilation to maintain exposure levels below applicable limits. The use of local exhaust ventilation is recommended during fabrication work.
- Eye/face Protection** : Wear safety glasses when sawing, sanding, drilling or routing.
- Skin Protection** : Wear appropriate gloves when installing, transporting, sawing, cutting, drilling, routing or handling uninstalled pieces.
- Foot Protection** : No special protection required.
- Respiratory Protection** : Where airborne concentrations of dust are expected to exceed the allowable exposures, a NIOSH/MSHA-approved respirator should be worn, chosen based on the form and concentration of the contaminant. Respirator usage must be in accordance with the OSHA Respiratory Protection Standard, 29 CFR 1910.134.
- General Hygiene Considerations:** Wash thoroughly after sawing, cutting, drilling, or routing. Have eyewash facilities immediately available.

## Section 9: Physical and Chemical Properties

<b>Color</b>	: Light tan / Brown
<b>Odor</b>	: None
<b>Physical State</b>	: Solid and flexible sheet or tile product
<b>PH</b>	: Not applicable
<b>Freezing Point</b>	: Not applicable
<b>Boiling Point</b>	: Not applicable
<b>Flash Point</b>	: Not applicable
<b>Evaporation Rate</b>	: Not applicable - (Butyl Acetate=1)
<b>Flammability</b>	: Not applicable
<b>Upper Flammability Limit</b>	: Not applicable
<b>Lower Flammability Limit</b>	: Not applicable
<b>Vapor Pressure</b>	: Not applicable
<b>Vapor Density</b>	: Not applicable
<b>Specific Gravity</b>	: 0.40°C 0.80 (Water=1)
<b>Solubility (water)</b>	: Less than 0.1%
<b>Auto-ignition Temperature</b>	: Not applicable
<b>Percent volatile, wt %</b>	: Zero
<b>Volatile Organic Compound (VOC) content, wt. %</b>	: VOC release is extremely low.

## Section 10: Stability and Reactivity

<b>Stability</b>	: Stable
<b>Conditions to Avoid</b>	: Avoid exposing to oxidizers, strong chemicals, alkaline solutions and solvents.
<b>Incompatible Materials</b>	: Avoid oxidizing agents and open flame.
<b>Hazardous Decomposition</b>	: Thermal decomposition can produce carbon dioxide, carbon monoxide, aldehydes, organic acids and polycyclic aromatic hydrocarbons.
<b>Hazardous Polymerization</b>	: Will not occur.

## Section 11: Toxicology Information

### ACUTE EFFECTS

<b>Oral LD50</b>	: Not known
<b>Dermal LD50</b>	: Not known
<b>Inhalation</b>	: See Section 2
<b>Eye Irritation</b>	: See Section 2
<b>Skin irritation</b>	: See Section 2
<b>Sensitization</b>	: No data for product.

### CHRONIC EFFECTS

<b>Carcinogenicity</b>	: No data for product
<b>Mutagenicity</b>	: No data for product
<b>Reproductive Effects</b>	: No data for product.
<b>Developmental Effects</b>	: No data for product

## Section 12: Ecological Information

**Eco Toxicity** : No data for product

**Persistence/Degradability** : No data for product.

**Bioaccumulation/Accumulation:** No data for product

**Mobility in Environment** : No data for product

## Section 13: Disposal Considerations

**Disposal** : Place recovered wood dust in a container for proper disposal.  
Dispose of in accordance to local environmental and/or EPA  
RCRA regulations:

## Section 14: Transportation Information

**DOT** : Not Regulated

## Section 15: Regulatory Information

**WARNING** : None

## Section 16: Other Information

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**Prepared By** : Octopus Products Limited

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Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard that exist.