



# MATERIAL SAFETY DATA

**Chemtrec 24-Hour Emergency Telephone**

Domestic North America (800) 424-9300

International (800) 527-3887

*This MSDS complies with 29 CFR 1910.1200 (Hazard Communications)*

## 1. Product and Supplier Identification

**Product Name:** Wood Flour  
**Product Number:** 15741, 15742, 15748, 157450  
**Date of Prep:** 10-16-2010  
**Product Type:** Wood/Bark Dust  
**Supplier:** Fiberlay Inc.  
 24 S. Idaho S.  
 Seattle, Wa 98134  
 (206)782-0660

## 2. Composition/Information On Ingredients

### Applicable Exposure Limits

	Ingredient	PEL	TLV	STEL
<b>WISHA</b>	Wood Dust	5mg/m <sup>3</sup>		
<b>OSHA</b>	Hardwood	5mg/m <sup>3</sup>		10mg/m <sup>3</sup>
	Softwood	5mg/m <sup>3</sup>		
<b>ACGIH</b>	Hardwood	1mg/m <sup>3</sup>	Biological	10mg/m <sup>3</sup>
	Softwood	5mg/m <sup>3</sup>		

## 3. Hazards Identification

Exposure / Chronic exposure to wood or bark dust can produce allergic reaction in sensitive individuals.

### Allergic Signs and Symptoms:

#### Skin Contact:

- Dermatitis

#### Inhalation:

- Respiratory irritation
- Nasal dryness
- Coughing, wheezing, sneezing
- Breathing difficulties

**Medical Conditions Aggravated by Exposure:**

- Respiratory conditions
- Allergies
- Sinusitis
- Prolonged colds

#### 4. First Aid Measures

**Eyes:**

- Flush eyes gently with water to remove dust particles
- If irritation persists, seek medical attention

**Skin:**

- Seek medical attention if a rash, dermatitis or other skin disorders occur

**Ingestion:**

- None

**Inhalation:**

- Remove person to fresh air.
- If signs/symptoms develop, get medical attention

#### 5. Fire Fighting Measures

**Autoignition Temperature:** Variable (typically 400°-500°F)

**Flash Point:** None

**Explosive Limits in Air:** 40 grams/m<sup>3</sup> (LEL)

**Fire and Explosion Hazards:** Wood or bark dust may present a strong to severe explosion hazard if dust cloud contacts an ignition source.

**Extinguishing Media:**

- Water
- Carbon Dioxide
- Halon
- Dry Chemical
- Sand
- Foam

**Fire Fighting Instructions:**

- Use water mist to wet down wood or bark dust to reduce likelihood of ignition or dispersion of dust into air
- Remove burned or wet dust to open area after fire is extinguished.

#### 6. Accidental Release Measures

- Sweep or vacuum up spills for recovery disposal
- Avoid creating dust conditions
- Do not use compressed air
- Provide for good ventilation
- Place recovered wood or bark dust in a container for proper disposal

## 7. Handling and Storage

Contact Fiberlay

## 8. Exposure Controls / Personal Protection

**Eye Protection:** Safety Glasses or goggles

**Skin Protection:** Protective gloves and proper clothing should be worn to prevent skin contact.

**Respiratory Protection:**

- Use a NIOSH approved respirator for exposure to wood or bark dust
- Respirators are required if air contaminations exceed ACGIH TVL
- Provide adequate general and exhaust ventilation to maintain healthful working conditions
- Prevent sparks or other ignition sources in ventilation equipment

**SOURCE OF EXPOSURE LIMIT DATA:**

**ACGIH:** American Conference of Governmental Industrial Hygienists

**OSHA:** Occupational Safety and Health Administration

## 9. Physical and Chemical Properties

<b>Boiling Point:</b>	None	<b>Vapor Pressure:</b>	None
<b>Specific Gravity</b>	< 1	<b>% Volatiles by wt</b>	None
<b>Evaporation Rate:</b>	None	<b>Physical State:</b>	Wood/bark dust
<b>Melting Point:</b>	None	<b>Solubility in Water:</b>	Insoluble
<b>Odor / Color:</b>	Variable	<b>pH</b>	None

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions

**Materials and Conditions to Avoid:**

- Strong oxidizing agents and drying oils
- Keep away from ignition sources since is highly combustible

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition or By-Products**

- Irritating and toxic fumes and gases
- Carbon monoxide, aldehydes, organic acids

## 11. Toxicological Information

Bark Dust is not listed as a carcinogen by IARC, ACGIH, HPT, OR OSHA

Wood dust has been classified as a nasal carcinogen by the International Agency for Research on Cancer (IARC)

## 12. Ecological Information

Not Determined

## 13. Disposal Considerations

Dispose in a landfill or incinerator in accordance with local, state, and federal regulations

## 14. Transport Information

Contact Fiberlay, Inc

## 15. Regulatory Information

Contact Fiberlay

## 16. Other Information

**Preparation Date:** 10-16-10

**Prepared by:** Fiberlay Inc

**Comments:** This Material Safety Data Sheet was prepared using information provided by ACE, Fiberlay Inc, and CCINFO

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**Revisions:** None