



## FIBERBOARD

### MATERIAL DATA SAFETY

#### SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Fiberboard

**Synonyms:** Fiberboard Sheathing, Fiberbase

**Chemical Family:** Blackboard, Wood Fiber

**Chemical Formula:** N/A

**CAS Number:** None

**MANUFACTURER'S ADDRESS:** Temple-Inland Forest Products Corporation  
P.O. Drawer N  
Diboll, Texas 75941  
Contact: Don Cox, Manager Chemical Control and Health Programs

**Emergency Phone Numbers:** (936) 829-5511

**Date Prepared or Revised:** March 2002

#### SECTION II - HAZARDOUS INGREDIENTS

Component	CAS #	Exposure Limit (OSHA)*	Exposure Limit (ACGIH)
Asphalt	8052-42-4	5.0 mg/m <sup>3</sup> •TWA	5.0 mg/m <sup>3</sup> •TWA
Wood Dust/Fiber	None	5 mg/m <sup>3</sup> •PEL 10 mg/m <sup>3</sup> •STEL	5 mg/m <sup>3</sup> •TLV 10 mg/m <sup>3</sup> •STEL

In AFL-CIO v. OSHA 965 F. 2d 962 (11th Cir. 1992), the court overturned OSHA's 1989 Air Contaminants Rule, including the specific PELs for wood dust that OSHA had established at that time. The 1989 PELs were: TWA-5.0 mg/m<sup>3</sup>; STEL (15 min.) - 10.0 mg/m<sup>3</sup> (all soft and hard woods, except Western red cedar); Western red cedar: TWA - 2.5 mg/m<sup>3</sup>.

Wood dust is now officially regulated as an organic dust under the Particulates Not Otherwise Regulated (PNOR) or Inert or Nuisance Dust categories at PELs noted under Section II of this MSDS. However, a number of states have incorporated provisions of the 1989 standard in their state plans. Additionally, OSHA has announced that it may cite companies under the OSH Act General Duty Clause under appropriate circumstances for non-compliance with the 1989 PELs.

\*NOTE: Although Agency and court decision(s) could affect these values, the Company will continue to utilize these values as the MSDS PEL.

#### SECTION III - PHYSICAL PROPERTIES

##### DESCRIPTION

Composite panel product composed of asphalt, naturally occurring binders and wood fiber which has been thermo-mechanically pulped and dried into panels (normally 4' X 8').

##### Physical Data

**Boiling Point:** N/A

**Specific Gravity:** Variable (dependent on wood species and moisture content).

**Vapor Density:** N/A

**% Volatiles by Volume:** N/A

**Melting Point:** N/A

**Vapor Pressure:** N/A

**Solubility in H<sub>2</sub>O (% by Wt.):** N/A

**Evaporation Rate (Butyl Acetate=1):** N/A

**pH:** N/A

**Appearance and Odor:** Black board (uncoated is dark brown) between 1/2" to 2" thick.



## FIBERBOARD MATERIAL DATA SAFETY

### SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point:** N/A

**Auto Ignition Temperature:** 400 - 500°F

**Flammable Limits in Air:** N/A

**Extinguishing Media:** Water Spray, Carbon Dioxide, Foam

**Special Fire Fighting Procedures:** Fire fighting procedures for wood products are well known.

**Unusual Fire and Explosion Hazard:** Fiberboard does not present a fire and explosion hazard. Sawing or sanding of this product could result in the creation of wood dust (or fuzz). Wood dust may present a strong to severe explosion hazard if a dust cloud contacts an ignition source. According to data contained in NFPA's Standards, 0.04 ounce per cubic foot is the minimum explosive concentration for wood flour and 40 grams/m<sup>3</sup>•LEL for wood dust.

### SECTION V - HEALTH HAZARD DATA

**Board:** This board is manufactured using wood fiber, asphalt and naturally occurring materials to impart binding and waterproofing enhancement. Product normally does not present hazards beyond those which would normally be experienced by solid wood material. Dust formed from sawing tends to "fuzz" rather than form discrete particles.

**Wood Dust:** May cause nasal dryness, irritation and obstruction. Coughing, wheezing, and sneezing sinusitis and prolonged colds have also been reported. Depending on species, may cause respiratory sensitization and/or irritation. IARC classifies wood dust as a carcinogen to humans (Group 1). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. IARC did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum with exposure to wood dust.

### EMERGENCY FIRST AID PROCEDURES

**Inhalation:** Remove to fresh air

**Eyes:** Flush with water 15 minutes. Should irritation or other symptoms persist, consult a physician.

**Skin:** Flush water 15 minutes

**Ingestion:** N/A

### SECTION VI - REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** Fire and sources of ignition.

**Incompatibility (materials to avoid):** Strong oxidizing agents, strong acids

**Hazardous Decomposition Products:** Thermal and/or thermal-oxidative decomposition can product irritating and/or toxic fumes and gases including carbon monoxide, carbon dioxide, ad extremely small concentrations of aldehydes and other organic acids.

**Conditions Contributing to Hazardous Polymerization:** Will not occur.

### SECTION VII - SPECIAL PRECAUTION PROCEDURES

**Precautions And Safe Handling:** Provide adequate ventilation to reduce the possible build-up of wood dust in areas where sawing or machining steps are being performed.

**Steps To Be Taken If Spilled Or Released:** Not Applicable

**Waste Disposal Methods:** Incinerate or landfill in accordance with local, state, and federal regulations.

**Wood Dust:** Avoid dust conditions and provide good ventilation.



## FIBERBOARD MATERIAL DATA SAFETY

---

### SECTION VIII - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not required for normal use of the product in normally shipped form. However, the wearing of NIOSH approved breathing protection, for exposure to wood dust generated from sawing may be necessary. Respirators are required if air contaminants exceed OSHA PEL.

**Ventilation:** Local Exhaust: Necessary to remove dust in sanding, sawing and machining processes.  
Mechanical: Ventilate to assure that wood dust levels are below OSHA PEL.

**Eye Protection:** Wear appropriate eye protection and/or side shield safety glasses when handling product and/or sawing or machining product.

### SECTION IX - REGULATORY INFORMATION

**California Prop 65:** Safe Drinking Water Toxic Enforcement Act (and other similar regulations). California Prop 65 provides for the labeling and disclosure of the presence of chemical(s) known to the STATE OF CALIFORNIA to cause cancer or reproductive toxicity. This product does not contain any chemicals which are on the list and/or present any significant risk. Should the status change in the future, an updated MSDS will be provided.

**SARA 313:** This product does not contain chemical(s) in concentrations which should require reporting under SARA Section 313.

**ODS:** During the manufacture of this product there is no intended use of listed ozone depleting chemicals as defined in applicable EPA regulations.

**IMPORTANT:** Temple-Inland Forest Products Corporation believes the information contained in this Data Sheet to be accurate at the time of preparation and has been compiled using sources believed to be reliable. However, the Company (Temple-Inland Forest Products Corporation) makes no warranty, either expressed or implied concerning the accuracy or completeness of the information presented. It is the responsibility of the user to comply with local, state, or federal regulations concerning use of this product. It is the further responsibility of the buyer to research and understand safe methods of use, storage, handling and disposal of this product.