



## **MATERIAL SAFETY DATA SHEET**

### **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Southern Yellow Pine Wood and Wood Products

**SYNONYMS:** Boards, Lumber, Timbers, Pattern Stock, Chips, Shavings

**MANUFACTURER:** The Westervelt Company

**DIVISION:** Westervelt Lumber

**ADDRESS:** P.O. Box 48999 • Moundville, Al 35474

**EMERGENCY PHONE:** 205 562 5000

**PRODUCT USE:** Building / Construction / Paper Products / Landscaping / Poles

### **SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

**INGREDIENT:** Southern Yellow Pine, consisting of Loblolly, Long Leaf, and Short leaf pine.

**CASE NO.** Not Assigned Percentage: 100%

### **SECTION 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** Color: Light Wood

**PHYSICAL HAZARDS:** Sawing, sanding or machining wood or wood products can generate dust. Wood dust may ignite or form explosive mixtures with air. Dust may be irritating to eyes, skin or respiratory system.

**POTENTIAL HEALTH EFFECTS:**

**EYES:**

**SHORT TERM EXPOSURE:** Irritation

**LONG TERM EXPOSURE:** Same as effects reported in short term exposure

**SKIN:**

**SHORT TERM EXPOSURE:** Wood dust may cause: irritation, allergic reactions, rash

**LONG TERM EXPOSURE:** Same as effects reported in short term exposure

**INGESTION:**

**SHORT TERM EXPOSURE:** Ingestion of harmful amounts is unlikely

**LONG TERM EXPOSURE:** Ingestion of harmful amounts is unlikely.

**INHALATION:**

**SHORT TERM EXPOSURE:** wood dust may cause: irritation of the nasal passages, throat, upper lung passages and lungs, allergic reactions, wheezing, cough. Visible levels of wood dust from sawing or sanding lumber does not indicate that an overexposure will occur. Have exposures evaluated by a certified safety and health professional.

**LONG TERM EXPOSURE:** Same as effects reported in short term exposure. ACGIH: A4: Not classifiable as a human carcinogen; NTP: Know Human Carcinogen; IARC: Human Sufficient Evidence, Animal Inadequate Evidence, Group 1.

### **SECTION 4: FIRST AID MEASURES**



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**EYES:** Flush eyes with plenty of water. Seek medical attention if needed.

**SKIN:** Wash exposed skin with soap and water. Seek medical attention if irritation develops.

**INGESTION:** It is unlikely that emergency treatment will be required. Seek medical attention if required.

**INHALATION:** Remove from exposure. Seek medical attention if needed.

### **SECTION 5: FIRE-FIGHTING MEASURES**

**FIRE AND EXPLOSION HAZARDS:** Moderate fire hazard. Dust/air mixtures may ignite or explode.

**EXTINGUISHING MEDIA:** Regular dry chemical, carbon dioxide, water, regular foam. Large fires: Use regular foam or flood with fine water spray.

**FLAMMABLE LIMITS IN AIR:**

**LOWER:** 40 g/m<sup>3</sup> (dust) Reference NFPA Standards 654 and 664 for guidance.

**AUTOIGNITION TEMPERATURE:**

F: 399-500

C: 204-260

**NFPA HAZARD CLASSIFICATION**

**HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0**

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**ACCIDENTAL RELEASE MEASURES:** Avoid generating dust. Collect spilled material in appropriate container for disposal.

### **SECTION 7: HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Avoid heat, flames, sparks and other sources of ignition. Store in a cool, dry place. Wash thoroughly after handling. Minimize dust generation and accumulation.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

**VENTILATION:** Provide local exhaust ventilation system when necessary to ensure compliance with applicable exposure limits for wood dusts. Ventilation equipment should be explosion-resistant if explosive applicable exposure limits of wood dusts are present. To avoid static sparks, electrically ground and bond all equipment used in and around processes that involve wood dust generation.

**RESPIRATORY PROTECTION:** A NIOSH approved dust mask is recommended. If respirators are used they should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respiratory standard (29CFR 1910.134).

**EYE PROTECTION:** Safety glasses or goggles are recommended when working with this product.



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**GLOVES:** Standard work gloves are recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Protective clothing is not required under normal conditions.

**EXPOSURE GUIDELINES:** ACGIH TWA 1.0mg/m<sup>3</sup> , OSHA TWA 15mg/m<sup>3</sup> (total) 5mg/m<sup>3</sup> (Resp)

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Light Wood

**ODOR:** Pine

**PHYSICAL STATE:** Solid

**pH AS SUPPLIED:** Not applicable

**pH (Other):** Not applicable

**BOILING POINT:** Not applicable

**MELTING POINT:** Not applicable

**FREEZING POINT:**Not applicable

**VAPOR PRESSURE (mmHg):** 0 mmHg (approx)

**VAPOR DENSITY (AIR = 1):**Not applicable

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** varies

**EVAPORATION RATE:** Not applicable

**SOLUBILITY IN WATER:** Insoluble

### **SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable at normal temperatures and pressure

**CONDITIONS TO AVOID (STABILITY):** Avoid heat, flames, sparks and other sources of ignition

**INCOMPATIBILITY (MATERIAL TO AVOID):** None Reported

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Thermal decomposition produces: oxides of carbon, aldehydes, organic acids, and smoke.

**HAZARDOUS POLYMERIZATION:** Will not polymerize.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

**CARCINOGEN STATUS:** ACGIH: A4: Not classifiable as a human carcinogen; NTP: Know Human Carcinogen; IARC: Human Sufficient Evidence, Animal Inadequate Evidence, Group 1.

**LOCAL EFFECTS:** Irritant: inhalation, skin, eye

**TARGET ORGANS:** Immune system (sensitizer)

**MEDICAL CONDITIONS AGGREGATED BY EXPOSURE:** Respiratory disorders, skin disorders and allergies



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### **SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** Fine particles in high concentrations may cause gill coating in aquatic animals.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** This material is not a hazardous waste in accordance with 40 CFR 261. Dispose of this material in a licensed landfill and follow local and/or state regulations.

### **SECTION 14: TRANSPORT INFORMATION AND REGULATORY INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION:** No classification assigned

### **SECTION 15: REGULATORY INFORMATION**

#### **U.S. FEDERAL REGULATIONS**

SARA Title III SECTION 302, 304, 311, 312,313: Not regulated

**U.S. REGULATIONS CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES:** Not regulated

**OSHA PROCESS SAFETY (29CFR1910.119):** Not regulated

**NATIONAL INVENTORY STATUS U.S. INVENTORY (TSCA):** Listed on Inventory.TSCA 12(b)

### **SECTION 16: OTHER INFORMATION**

**HAZARD:** Sawing, sanding or machining wood products can produce wood dust which can cause a flammable or explosive hazard. Wood dust may cause lung, upper respiratory tract, eye and skin irritation. Some wood species may cause dermatitis and/or allergic respiratory effects. The International Agency for Research on Cancer (IARC) has classified wood dust as a nasal carcinogen in humans. Avoid dust contact with ignition source. Sweep or vacuum dust for recovery or disposal. Avoid prolonged or repeated breathing of wood dust in air. Avoid dust contact with eyes and skin.

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