



## **Safety Data Sheet (SDS)**

### **Angelim Vermelho Hardwood**

#### **Section 1: Product Identification**

Product Name: Angelim Vermelho Hardwood

Botanical Source: Dinizia excelsa (Angelim Vermelho)

Origin: South America (Amazon region)

Use: Structural posts for outdoor applications including fences, pergolas, decking, and other construction uses.

#### **Section 2: Hazard Identification**

- Wood dust may cause respiratory irritation and allergic reactions.
- Resin/oils may cause skin and eye irritation or allergic reactions.
- May contain natural pinholes which do not affect structural integrity.
- Fresh wood can emit a strong odor which fades over time.

#### **Section 3: Composition / Information on Ingredients**

100% natural Angelim Vermelho hardwood, untreated.

No chemical preservatives applied.

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

Inhalation: Move to fresh air and seek medical attention if symptoms persist.

Skin contact: Wash with soap and water; seek medical advice if irritation occurs.

Eye contact: Rinse with plenty of water; seek medical attention if irritation persists.

Ingestion: Unlikely; seek medical advice if necessary.

#### **Section 5: Firefighting Measures**

Combustible natural wood.

Use water spray, foam, dry chemical or CO2 extinguishers.

Avoid inhalation of smoke and fumes.

#### **Section 6: Accidental Release Measures**

Sweep or vacuum wood dust to minimize airborne particles.

Avoid creating dust clouds.

Dispose of wood waste according to local regulations.

#### **Section 7: Handling and Storage**

Use personal protective equipment (dust mask, gloves, goggles) during cutting or machining.

Store in a dry, covered place to prevent moisture absorption.

Avoid prolonged exposure to direct sunlight prior to installation.

#### **Section 8: Exposure Controls / Personal Protection**

Ensure adequate ventilation or dust extraction when processing.

Wear a dust mask or respirator, gloves, and safety goggles.

Avoid skin and eye contact with resin or dust.



### **Section 9: Physical and Chemical Properties**

Appearance: Solid hardwood posts, reddish-brown color.

Odor: Characteristic wood odor, stronger when fresh-cut.

Density: High, very hard wood.

Solubility: Insoluble in water.

### **Section 10: Stability and Reactivity**

Stable under normal conditions.

Avoid exposure to fire or extreme heat.

No hazardous reactions expected.

### **Section 11: Toxicological Information**

Wood dust exposure may cause respiratory irritation and allergic sensitization.

Contact with resin may cause dermatitis.

No chronic toxicity from the wood itself.

### **Section 12: Ecological Information**

Biodegradable and natural.

Sustainably sourced from certified forests.

No known environmental toxicity.

### **Section 13: Disposal Considerations**

Dispose of wood waste in accordance with local regulations.

Do not burn treated or painted wood.

Unused wood can be reused or recycled.

### **Section 14: Transport Information**

Transported by large trucks.

Ensure accessibility for delivery vehicles.

Follow local transportation safety rules.

### **Section 15: Regulatory Information**

Complies with local and international standards for hardwood construction materials.

Wood dust regulated under workplace safety laws.

### **Section 16: Other Information**

Keep out of reach of children.

Use appropriate PPE to minimize health risks.

Natural color will change over time due to sunlight exposure.