

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE, PREPARATION, AND COMPANY

Brand Names:	Desert Board	
Product Name:	Palm Strand Board (PSB)	
Product Type:	Engineered Wooden Products (EWP)	
Application:	Building, Furniture, Decorative Fixtures, Fittings, and Doors	
Manufacturer:	Al Talah Board Manufacturing Company LTD A4-05, KEZAD, Abu Dhabi, UAE	
Contact:	Telephone:	+971 2 246 7042
	Fax:	+971 2 671 7933
	P.O. Box:	41543, Abu Dhabi, UAE
	Website:	www.desertboard.ae
	Email Address:	info@desertboard.ae

### 2. Hazards Identification

Physical Hazard:	Not Classified
Health Hazard:	Zero

### 3. Composition/Information on Ingredients

No materials were identified for this purpose as specified in the CLP Regulations \*Classification, Labeling, and Packaging) 2008.

Wood panel products contain the following:

Various species of Palm Fronds & Waste Wood	83 – 90 %
Water	4 – 6 %
Polymeric Resin	3 – 6 %
Wax	1 – 2 %
Others	2 – 3 %

#### 4. First Aid Measures

Ingestion:	NOT APPLICABLE
Eye Contact:	Wood dust may cause mechanical irritation. Treat dust in the eye as a foreign object. Flush with water to remove dust particles. Seek medical help if irritation persists.
Skin Contact:	Wash with water to remove dust particles. Seek medical advice if a rash, persistent irritation, or dermatitis occurs.
Skin Absorption:	NOT APPLICABLE
Inhalation:	Wood dust may cause unpleasant obstruction in the nasal passages, resulting in dryness of the nose, dry cough, sneezing, and headaches. Remove to fresh air. If persistent irritation, severe coughing, or breathing difficulties occur, seek medical advice.

#### 5. Fire Fighting Measures

Not flammable at atmospheric temperature but will burn. In case of fire, soak or flood with water. For large fires, firefighters should wear appropriate emergency protective equipment, including self-contained breathing apparatus. Airborne wood dust may present an explosion hazard; standard precautions for dust control should be followed.

#### 6. Accidental Release Measures

The product does not represent a hazard in sheet form. However, dust generated during processing should be contained, collected, and removed.

#### 7. Handling and Storage

Avoid ignition sources, eye contact, prolonged or repeated contact with skin, prolonged or repeated breathing of wood dust, and contact with oxidizing agents and drying oils.

Minimize dust generation and accumulation.

Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces.

#### 8. Exposure Control Measures/Personal Protection

##### 8.1 Exposure Controls

During processing, the primary control for airborne dust is extracting ventilation at the source, areas, where processing is taking place should also be well-ventilated.

##### 8.2 Personal Protection

Dust will be created during processing using appropriate respiratory protection equipment that conforms to EN149 Type FFP2 as a minimum.

## 9. Physical and Chemical Properties

### 9.1 Physical Properties

Appearance:	Wood panels in various dimensions
Odor:	None under ambient conditions

### 9.2 Chemical Properties

Boiling point (@ 760 mm Hg):	NOT APPLICABLE
Evaporation rate (Butyl Acetate = 1):	NOT APPLICABLE
Freezing Point:	NOT APPLICABLE
Melting Point:	NOT APPLICABLE
Molecular Formula:	NOT APPLICABLE
Molecular Weight:	NOT APPLICABLE
Oil-water Distribution Coefficient:	NOT APPLICABLE
Odor Threshold:	NOT APPLICABLE
pH:	NOT APPLICABLE
Solubility in Water (% by weight):	Insoluble
Specific Gravity (H <sub>2</sub> O = 1):	Variable, depends on species and moisture content
Vapor Density (air =1; 1 atm):	NOT APPLICABLE
Vapor Pressure (mm Hg):	NOT APPLICABLE
Viscosity:	NOT APPLICABLE
% Volatile by Volume [@21°C (70°F)]:	NOT APPLICABLE

## 10. Stability and Reactivity

Stability:	Stable under normal conditions
Conditions to Avoid:	Avoid open flames and sparks
Incompatibility (Materials to Avoid):	Avoid contact with oxidizing agents and drying oils. Avoid open flame. The product may ignite at a temperature over 200°C (400°F).
Hazardous Decomposition of By-Products:	Thermal oxidative degradation of wood produces irritating and toxic fumes and gases, including carbon monoxide, aldehydes, and organic acids.
Hazardous Polymerization:	NOT APPLICABLE
Sensitivity to Mechanical Impact:	NOT APPLICABLE
Sensitivity to Static Discharge:	NOT APPLICABLE

## 11. Toxicological Information

Wood panels are composed of date palms and other waste woods bound together with p-MDI resin. When it is machined, very fine dust is produced. As with other types of softwood, wood panel dust is a potentially hazardous substance and should therefore be controlled. Wood dust is not classified as a carcinogen.

## 12. Ecological Information

Mobility:	NOT APPLICABLE
Degradability:	NOT APPLICABLE
Bioaccumulative Potential:	None
Aquatic Toxicity:	None

## 13. Disposal Considerations

Manufacturing waste must be disposed of as Controlled Waste. The raw product is not classified as Hazardous Waste.

## 14. Transport Information

Supply Classification:	NOT APPLICABLE
Carriage Classification:	NOT APPLICABLE
UN Conveyance Classification:	NOT APPLICABLE
UN Number:	None

## 15. Regulatory Information

None

## 16. Other Information

Where PSB is being processed, it is recommended that cleaning is done frequently using vacuum cleaning equipment with high-efficiency filters. Don't use compressed airlines for cleaning down machines, workpieces, or clothing, and don't use brushes to sweep up - they create dust clouds. Dispose of waste carefully.

Date Prepared:	08/04/2022
Date Revised:	24/04/2023
Prepared By:	Al Talah Board Manufacturing Company LTD.
User's Responsibility:	The information contained in this Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if the product is suitable for its proposed application(s) and to follow necessary safety precautions. The user has the responsibility to ensure that the most current SDS is used.

## 17. Further Information

Further technical information may be obtained from:

<b>Al Talah Board Manufacturing Company LTD</b>	
Telephone:	+971 2 246 7042
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The above data has been presented in the form of a Material Safety Data Sheet for information purposes only. Wood panel products manufactured by Al Talah Board Manufacturing Company LTD are not classified according to the CLP and COSHH regulations.