

Material Safety Data Sheet (MSDS)

1. PRODUCT AND COMPANY INFORMATION

Product Name: SanFoot™ Natural Wood Veneer Wallcovering
 (Natural Wood Non-Combustible Decorative Sheet)

Company Name: JACARANDA INC. | HOKUSAN LTD.

Address: 4801 JOHNSON ROAD, SUITE 6, COCONUT CREEK, FL 33073

Department in charge: Sales Division GENERAL MANAGER

Telephone number: 800-225-6384

Emergency Contact: Central Research Laboratory 0297-62-3461

Docket No.: HOX-SFT-02

Uses and Restrictions on Use: This product is a natural wood decorative sheet with natural wood veneer as the surface material and composite laminated sheet as the backing material. It is used for interior applications as non-combustible decorative wallcovering.

2. SUMMARY OF HAZARDS

Since this product is a solid (molded product) under normal handling conditions, it does not fall within the scope of GHS classification and is not required to provide an MSDS under the Chemical Substances Control Act and the Industrial Safety and Health Act. While there is no specific hazard information, especially concerning chemicals, the following information is provided considering the possibility of exposure due to accidents or misuse.

GHS Classification

Physicochemical Hazards

Flammable solids	Classification not possible
Spontaneous-combustible solids	Classification not possible
Oxidizing solids	Classification not possible

Harm to Health

Acute toxicity (oral)	Classification not possible
Acute toxicity (transdermal)	Classification not possible
Acute toxicity (inhalation: dust/mist)	Classification not possible
Skin corrosive/irritating	Classification not possible
Serious eye damage/eye irritation	Classification not possible
Respiratory sensitization or skin sensitization	Classification not possible
Germline mutagenicity	Classification not possible
Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible
Specific target organ toxicity – Single exposure	Classification not possible
Specific target organ toxicity – Repeated exposure	Classification not possible
False Hazards	Classification not possible

GHS Label Elements

Picture Display or Symbol	None
Cautionary Word:	None

CAUTIONARY NOTE:

- Keep away from ignition sources such as heat, sparks, open flames, and hot objects.
- Long sleeved shirts and work gloves are recommended to avoid injuries to hands and arms.
- Wear a protection mask while cutting or polishing the veneer.
- Wash your hands thoroughly after handling.

3. COMPOSITION AND INGREDIENT INFORMATION**Classification of single products and mixtures** mixture

	Constituent Elements	Main Materials	Content (% by weight)
Surface material	Coating	Polyurethane resins, etc.	Approx. 5.0%
	Decorative veneer	Natural Wood veneer species such as Oak, Walnut	Approx. 33%
	Glue	Vinyl acetate resin	Approx. 7%
Substrate (backing material)	Composite lamination sheet	Paper	Approx. 19%
		Aluminum foil	Approx. 13%
		Olefin-based resins	Approx. 23%

4. FIRST AID MEASURES

When inhaled:	If you inhale dust generated during processing or handling, rinse your mouth with clean water and blow your nose to remove the dust. If you experience irritation in your nose or throat, improve ventilation and move to an area with fresh air. Seek medical advice if necessary.
In case of contact with skin:	If dust generated during processing or handling adheres to the skin, wash with clean water and soap. If skin irritation or rash occurs, consult a doctor.
In case of contact with eyes:	If chips come into contact with the eyes, there is a significant risk of eye damage. Rinse the eye gently yet meticulously to ensure that all foreign particles are removed. Avoid rubbing your eyes during the washing process. Seek medical advice if necessary.
If swallowed:	Rinse your mouth with clean water and seek medical advice if necessary.

5. MEASURES TO TAKE IN THE EVENT OF FIRE

Fire Extinguishing Agents:	Initial fire: powder, foam, carbon dioxide gas
Large-scale Fires:	Use of water hose, fire extinguishers, foam extinguishing agents.
Inherent Hazards:	Toxic gases such as carbon monoxide may be generated in case of a fire.
Specific Fire Extinguishing Methods:	Cut off the source of the fire and extinguish it from the windward side using a fire extinguishing agent. Restrict access to the area to authorized firefighting personnel only. In some cases, large-scale fires may necessitate evacuating the area and allowing the fire to burn out.
Protection of Firefighters:	In addition to wearing protective clothing, fire prevention gloves and gas masks for organic gases should be worn. Firefighting activities should be conducted with the awareness that standard full-body protective gear, under each country and region, offers limited protection against heat and harmful vapors and liquids.

6. MEASURES TO TAKE IN CASE OF LEAKAGE

Precautions for the Human Body:	None
Environmental Precautions:	None
Remove Method:	Dust and chips generated during processing and handling are collected with a wet mop or broom and collected for disposal.

7. PRECAUTIONS FOR HANDLING AND STORAGE

Handling:	When handling, wear protective gear like long-sleeved work clothes and work gloves. If dust or chips are produced during cutting or other processes, use a protective mask. Additionally, be cautious of the sharp edges to avoid injuring to your hands.
Storage:	Avoid direct sunlight and avoid water and humid storage areas. If you want to store it for a long time after unpacking, put it in a plastic bag to block moisture. Keep away from ignition sources, such as heat/sparks/open flames/elevated temperature surfaces. In addition, it should be stored separately from products with different formaldehyde emission and 4VOC emission performance.

8. EXPOSURE PREVENTION AND PROTECTION MEASURES

Controlled Concentration/ Permissible Concentration:	Not applicable
Equipment Measures:	Use local exhaust or total ventilation equipment. Protective Equipment (for cutting and processing).
Respiratory Protection:	Wear a dust mask or other equipment if necessary.
Hand Protection:	Wear protective gloves.
Eye Protection:	Wear goggles and safety glasses with side seals.
Skin and Body Protection:	Wear long-sleeved work clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE

Physical State:	Solid
Shape:	Sheet (packing form: scroll)
Color:	Natural wood color (unstained, clear-stained product) or stained product
Flammability:	Flash point of wood 240°~280° C
Ignition Point of Wood:	Approximately 460° C
Specific Gravity:	0.80~0.94
Solubility:	Insoluble in water

10. STABILITY AND REACTIVITY

Reactivity:	Not under normal handling conditions
Chemical Stability:	Stable in general handling and storage.
Conditions to Avoid	Elevated temperature and open flames. Static electricity (against dust).
Materials to Avoid:	Strong acids and alkalis.
Hazardous Decomposition Products:	Combustion may produce decomposition gases such as carbon monoxide.

11. HAZARD INFORMATION

For information on formaldehyde emission grades see VOC Report and 4VOC countermeasures as a measure against sick buildings, refer to “15 Applicable Laws and Regulations.”

12. ENVIRONMENTAL IMPACT INFORMATION

Refer to the EPD and LCA Reports.

13. DISPOSAL PRECAUTIONS

Residual Waste:	Chips and waste materials shall be stored in storage, and per the Waste Disposal and Public Cleansing Act and local government standards, the company shall dispose of it in-house or outsource it to an industrial waste disposal company.
Contaminated Containers and Packaging:	Entrust to a licensed industrial waste disposal company under prefectural regulations.

14. TRANSPORT PRECAUTIONS

Fire Service Law:	Does not fall under the items listed in the Appendix to the Law. Designated combustible materials are specified by ordinance.
Fire Prevention Ordinance:	Designated combustible materials (processed wood products and wood chips: 10 m ³) Waste Disposal and Public Cleansing Act.
Building Standards Law:	Article 20-7 of the Building Standards Law Enforcement Ordinance on Sick House Measures. [Formaldehyde-emitting building materials: see VOC Report.] Article 2. Item 9 of the Building Standards Act and Article 108-2 of the Enforcement Order of the same law related to fire prevention materials. [Non-combustible materials] (See Section 16 – Other Information)

15. OTHER INFORMATION

Contact Jacaranda Inc. at 800-225-6384 for further information.



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