

Material Safety Data Sheet

Shinnoki – www.shinnoki.com

SHINNOKI®
prefinished wood panels

1 PRODUCT AND COMPANY IDENTIFICATION

Product identifier : Shinnoki

Supplier name: DECOSPAN N.V.
Lageweg 33 - 8930 Meneen - Belgium
Tel: +32 56 52 88 00
Fax: +32 56 52 88 03
info@decospan.com

Product description: Prefinished architectural wood panels (19 mm), consisting of a top layer of veneer, an MDF core (18 mm) and a balance layer on the back. A collection of 16 designs, including a wide choice of no less than 7 in premium European white oak:

- Natural Oak
- Ivory Oak
- Milk Oak
- Chalk Ash
- Desert Oak
- Manhattan Oak
- Dusk Fraké
- Stone Triba
- Cinnamon Triba
- Granite Walnut
- Smoked Walnut
- Stardust Walnut
- Chocolate Oak
- Raven Oak
- Mineral Triba
- Frozen Walnut

2 COMPOSITION/ INFORMATION ON INGREDIENTS

Different product constructions:

Double-Sided Veneer:

Water stain + acrylate Ultra Violet cured Lacquer ($\pm 105 \text{ g/m}^2$)
PVAC D3 ($\pm 200 \text{ g/m}^2$)
2 sheets of hard wood veneer (0.6 mm, 650 kg/m^3)
MDF (18 mm, 730 kg/m^3)

Single-Sided Veneer:

Water stain + acrylate Ultra Violet cured Lacquer ($\pm 105 \text{ g/m}^2$)
PVAC D3 ($\pm 200 \text{ g/m}^2$)
1 sheet of Hard wood veneer (0.6 mm, 650 kg/m^3)
MDF (18 mm, 730 kg/m^3)

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Technical veneer on the back side (0.6 mm, 730 kg/m³)

Water stain + acrylate Ultra Violet cured Lacquer (± 105 g/m²)

3	HAZARD IDENTIFICATION
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Physical state and appearance:

Sturdy, high-quality prefinished veneered panels, ready to be applied in any interior.

General hazard overview:

Not hazardous under normal conditions of storage and handling.

Potential health effects:



Primary health hazard posed by this product in inhalation of dust resulting from sawing, abrasion or other similar activities that have the potential to generate breathable vapors and wood dust.

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Routes of exposure:

<i>Classification</i>	<i>Hazard Statements</i>	<i>Pictograms</i>
INHALATION (H335 – Category 3)* PROLONGED INHALATION	Can cause respiratory irritation, nasal dryness or obstruction if inhaled. May lead to chronic respiratory irritation.	
SKIN CONTACT (H350 – Category 2)* PROLONGED SKIN CONTACT (H317 – Category 1)*	May cause skin irritation. Can cause dermatitis or allergic sensitization.	
EYE CONTACT (H320 – Category 2B)*	May cause eye irritation.	NONE

* Hazard codes (GHS)

HMIS rating: Health = 0 Fire = 1 Reactivity = 0 Special hazard = NO

NOTE: These products are not hazardous in the form in which it is shipped by the manufacturer but may become hazardous as the result of downstream activities (e.g. cutting, sanding) which creates small particles resulting in the potential hazards as described below.

4 FIRST AID MEASURES

Inhalation:	Remove to fresh air. Seek medical attention for persistent breathing difficulty, severe coughing or persistent irritation.
Ingestion:	Not applicable under normal use.
Eye contact:	Immediately rinse eyes with water during 5 minutes. If applicable: Remove contact lenses. If irritation persists, seek medical attention.
Skin contact:	Wash skin with soap and water; If irritation persists, seek medical attention.
Symptoms or effects:	<i>Acute Symptoms/Effects</i> – Wood dust may cause mechanical and/or chemical irritation of the respiratory system. Wood dust can cause physical obstructions in the nasal passages, resulting in dryness of nose, dry cough, and sneezing. Wood dust may cause mechanical irritation of the eyes. <i>Delayed Symptoms/Effects</i> – Unique delayed effects are not anticipated after exposure.

5 FIRE-FIGHTING MEASURES

Flash point:	Not applicable
Flash Point method:	Not applicable
Auto ignition temperature:	Not applicable
Extinguishing media:	Water, carbon dioxide or chemical powder
Explosive limits:	Depending on moisture content, particle diameter and airborne concentration, a dust cloud can create an explosion hazard in presence of an ignition source.

Specific hazards, anticipated combustion products:

Natural decomposition of organic materials such as wood may produce toxic gases and an oxygen deficient atmosphere in enclosed or poorly ventilated areas. Thermal decomposition (i.e. smoldering, burning) products include carbon monoxide and carbon dioxide.

Special firefighting equipment/procedures:

No special equipment anticipated. Beware of potential combustible dust explosion hazard.

NOTE: Product as sold does not present any special risk concerning fire or explosion hazard. The same fire-fighting procedures as for wood are applicable. Wear fire protection equipment and also self-containing breathing apparatus appropriate for the surrounding fire.

6	ACCIDENTAL RELEASE MEASURES
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Steps to be taken in case material is released or spilled:

Sweep or vacuum up for recovery and disposal. Avoid creating dusty conditions whenever feasible. Maintain good housekeeping to avoid accumulation of wood dust on exposed surfaces. Use approved filtering dust masks or higher levels of respiratory protection as indicated and goggles where ventilation is not possible and exposure limits may be exceeded or for additional worker comfort.

7	HANDLING AND STORAGE
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Handling precautions:

Protect exposed areas from cuts, crash, or abrasions. No hazard for normal handling of the product. If handled differently whereby dust is produced, avoid prolonged exposure and contact with eyes and skin. Minimize abrasive activities.

Storage requirements:

Store in a dry, well-ventilated area with normal room temperature.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineered controls:

No special requirements for product as sold. Provide adequate ventilation to meet exposure guideline if fabrication operations generate dust of chips.

Respiratory protection:

When ventilation is not adequate, wear an approved/certified respirator with an appropriate particulate dust filter.

Skin protection:

Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Eye protection:

Wear safety glasses during fabrication operations that produce materials, i.e. chips, that may be ejected and damage the eyes.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Veneered, solid board
Boiling point:	Not Applicable
Flammability:	Not Applicable
Physical state:	Solid board
Freezing/Melting Pt.:	Not Applicable
Odor:	None
Solubility:	Insoluble
pH:	Not Applicable
Spec Gravity/Density:	Not Applicable
Vapor Pressure:	Not Applicable
Vapor Density:	Not Applicable
VOC:	Not Applicable
Viscosity:	Not Applicable
Lower/upper explosive limits:	40000 mg of dust per cubic meter of air is often used as the LEL for wood dust

10 STABILITY AND REACTIVITY

Reactivity: Not applicable
Stability: Stable
Conditions to avoid: None
Materials to avoid: None
Hazardous decomposition or by-products: Not applicable

11 TOXICOLOGICAL INFORMATION

Toxicity to humans: This product is not expected to be toxic to humans.

12 ECOLOGICAL INFORMATION

Biodegradation: Not available
Ecotoxicity: Not available
Bioaccumulation: Not available

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13	TRANSPORT INFORMATION
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This product does not require special precautions during transport, not controlled under ADR.

14	OTHER INFORMATION
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User's responsibility:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that are the only hazards that exist.

Definition of common terms:

- LEL = Lower Explosive Limit
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- MDF = Medium-Density Fiberboard
- PVAC = Polyvinyl acetate
- HMIS = Hazardous Materials Identification System
- VOC = Volatile Organic Compound
- NO = No Applications
- ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

*Please note that the information in this brochure may be outdated and a new version may already have been issued. That is why we recommend you to always consult our website to download the most recent version.