

Freestone Hardwood Plywood Panels

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 03/06/2026 Date of Issue: 03/06/2026 Version: 2.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: Freestone Hardwood Plywood Panels, various

Trade Names: Hardwood plywood panels (VC, CFC, MDF, PBC cores)

1.2. Intended Use of the Product

Use of the Substance/Mixture: Decorative and construction panel applications

1.3. Name, Address, and Telephone of the Responsible Party

Company Manufacturer

Freestone Forest Products

13221 Lockwood Rd Ste 114

Houston, TX 77044

+1 281-404-4944

1.4. Emergency Telephone Number

Emergency Number: +1 281-404-4944 (business hours)

For medical, fire, spill, or transportation emergencies outside business hours, contact local emergency services.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Resp. Sens. 1 H334

Skin Sens. 1 H317

Carc. 1A H350

STOT SE 3 H335

STOT RE 1 H372

Comb. Dust

Full text of hazard classes and H-statements: see section 16

2.2. Label Elements

Hazard Pictograms (GHS-US) :



GHS07



GHS08

Signal Word (GHS-US): Danger

Hazard Statements (GHS-US): May form combustible dust concentrations in air when further processed. H317 - May cause an allergic skin reaction. H334 - May cause an allergy or asthma symptoms or breathing difficulties if inhaled. H335 - May cause respiratory irritation. H350 - May cause cancer (inhalation). H372 - Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (inhalation).

Precautionary Statements (GHS-US): P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe dust. P264 - Wash hands, forearms, and exposed areas thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear eye protection, protective clothing, protective gloves, respiratory protection. P284 - In case of inadequate ventilation wear respiratory protection. P302+P352 - If on skin: Wash with plenty of soap and water. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P314 - Get medical advice/attention if you feel unwell. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor. P363 - Wash

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contaminated clothing before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

Supplemental Information: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Prevent dust accumulation (to minimize explosion hazard). Avoid generating dust.

2.3. Other Hazards

Dust generated from material cutting may cause a slight irritation. Slivers may be generated, which could cause mechanical irritation or injure the eye. Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms / Description	Product Identifier	%	GHS US Classification
Wood dust, all soft and hard woods	Wood/wood dust generated during machining	N/A	93 – 99	Resp. Sens. 1; Skin Sens. 1; Carc. 1A; STOT SE 3; STOT RE 1; Comb. Dust
Adhesive resin system	ULEF / NAUF bonded adhesive system, proprietary	Proprietary	1 – 7	Comb. Dust
Formaldehyde	Trace residual / emission constituent	CAS 50-00-0	< 0.1	Flam. Liq. 4; Acute Tox. 3 (Oral/Dermal/Inh. gas); Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Muta. 2; Carc. 1A; STOT SE 3; Aquatic Acute 2; Aquatic Chronic 3

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust, then rinse mouth and surrounding area with water. If required, provide oxygen or artificial respiration. Call a doctor or Poison Control Center for severe or persistent respiratory symptoms.

First-aid Measures After Skin Contact: Brush off loose particles from skin. Wash with plenty of soap and water. Obtain medical attention if irritation/rash develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub. If eye irritation persists, get medical advice/attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

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Symptoms/Injuries: Contact with dusts from cutting, sanding, lathing, milling, or grinding may produce respiratory irritation, allergic skin reaction, allergy or asthma symptoms, breathing difficulties, or eye irritation. May cause cancer by inhalation. May cause damage to lungs/respiratory system by prolonged or repeated exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: The following applies to the product if it is cut, sanded, or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: Combustible Dust.

Explosion Hazard: Dust clouds can be explosive. Dust explosion hazard in air.

Reactivity: Stable at ambient temperature and under normal conditions of use. Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Other Information: Risk of dust explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Ensure adequate ventilation. Avoid generating dust. Any deposit of dust which cannot be avoided must be regularly removed. Do not breathe dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

For Non-Emergency Personnel: Use appropriate personal protective equipment (PPE). Evacuate danger area and unnecessary personnel. Eliminate ignition sources.

For Emergency Personnel: Equip cleanup crew with proper protection. Eliminate ignition sources first, then ventilate the area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

Avoid generation of dust during clean-up of spills. Use only non-sparking tools. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use explosion-proof vacuum during cleanup with appropriate filter.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Precautions for Safe Handling: Avoid creating or spreading dust. Do not breathe dust. Use dustless systems for handling, storage, and cleanup so that airborne dust does not exceed the PEL. Use adequate ventilation and dust equipment. Practice good housekeeping.

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Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas before eating, drinking, or smoking and when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, and lighting equipment where appropriate.

Storage Conditions: Store in a dry area. Keep away from direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Construction Material

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Substance	Agency	Exposure Limit	Value
Wood dust, all soft and hard woods	NIOSH	REL (TWA)	1 mg/m ³
Wood dust, all soft and hard woods	OSHA	PEL (TWA)	15 mg/m ³ (total) or 5 mg/m ³ (respirable)
Formaldehyde	ACGIH	TWA / STEL	0.1 ppm / 0.3 ppm
Formaldehyde	NIOSH	REL TWA / C	0.016 ppm / 0.1 ppm
Formaldehyde	OSHA	PEL (TWA) / PEL (STEL) / Action Level	0.75 ppm / 2 ppm / 0.5 ppm

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure all national/local regulations are observed. Provide adequate ventilation to minimize dust concentrations. Use local exhaust or general dilution ventilation and dust collection devices to maintain dust levels below exposure limits.

Personal Protective Equipment: Dust formation: dust mask. In case of dust production: protective goggles, gloves, and protective clothing. Insufficient ventilation: wear respiratory protection.

Hand Protection: Cloth gloves or suitable protective gloves.

Eye and Face Protection: In case of dust production: protective goggles.

Respiratory Protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.

Environmental Exposure Controls: Avoid creating or spreading dust. Avoid unnecessary release into the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Property	Value
Physical State	Solid
Appearance	No data available
Odor	Slight wood odor
Odor Threshold	No data available
pH	No data available

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Property	Value
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	No data available
Relative Vapor Density at 20°C	No data available
Relative Density	No data available
Solubility	Insoluble
Partition Coefficient: n-Octanol/Water	No data available
Viscosity	No data available

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Stable at ambient temperature and under normal conditions of use. Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Dust clouds can be explosive. Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Avoid formation of concentrated dusts suspended in air. Avoid direct sunlight, extremely high or low temperatures, and incompatible materials. Avoid sparks, heat, open flame and other sources of ignition.

10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products: Thermal decomposition may produce carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Route / Endpoint	Assessment
Acute Toxicity (Oral)	Not classified (based on available data, classification criteria are not met)
Acute Toxicity (Dermal)	Not classified
Acute Toxicity (Inhalation)	Not classified
Respiratory or Skin Sensitization	May cause an allergy or asthma symptoms or breathing difficulties if

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Route / Endpoint	Assessment
	inhaled. May cause an allergic skin reaction.
Carcinogenicity	May cause cancer (inhalation). Hardwood wood dust and formaldehyde are IARC Group 1 / NTP known human carcinogens.
Specific Target Organ Toxicity (Single Exposure)	May cause respiratory irritation.
Specific Target Organ Toxicity (Repeated Exposure)	Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (inhalation).
Aspiration Hazard	Not classified

Symptoms/Injuries After Inhalation: Inhalation of material being cut may cause respiratory irritation or other harmful effects. Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

Symptoms/Injuries After Skin Contact: Prolonged contact with large amounts of dust may cause mechanical irritation. Exposure may produce an allergic reaction.

Symptoms/Injuries After Eye Contact: Dust generated from material cutting may cause a slight irritation. Slivers may be generated, which could cause mechanical irritation or injure the eye.

Chronic Symptoms: May cause cancer by inhalation. May cause damage to lungs/respiratory system by prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity: Not classified.

12.2. Persistence and Degradability: Not established.

12.3. Bioaccumulative Potential: Not established.

12.4. Mobility in Soil: Not established.

12.5. Other Adverse Effects: None known. Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods: Non-hazardous waste. Landfill, recycle, or incinerate in accordance with all local, regional, national, and international regulations.

Sewage Disposal Recommendations: Do not dispose of waste into sewer.

SECTION 14: TRANSPORT INFORMATION

The shipping descriptions stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on a number of variables.

14.1. In Accordance with DOT: Not regulated for transport

14.2. In Accordance with IMDG: Not regulated for transport

14.3. In Accordance with IATA: Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Regulation / Listing	Status / Notes
SARA Section 311/312 Hazard Classes	Fire hazard; Delayed (chronic) health hazard; Immediate (acute) health hazard; Health hazard - specific target organ toxicity (single or

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Regulation / Listing	Status / Notes
	repeated exposure); Health hazard - carcinogenicity; Health hazard - respiratory or skin sensitization; Physical hazard - combustible dust
EPA TSCA Title VI / CARB Phase II	CARB II & TSCA TITLE VI COMPLIANT (CONFORME AU TITRE VI DE LA TSCA), FREESTONE FOREST PRODUCTS, TPC #3. ULEF (TFEF) EXEMPT FOR HWPW-VC AND HWPW-CC.
Formaldehyde	Listed on the United States TSCA inventory; subject to applicable OSHA formaldehyde standard exposure limits
ULEF/NAUF adhesive resins	Proprietary; regulatory status managed through supplier qualification and certification records

15.2. US State Regulations

California Proposition 65: WARNING: This product can expose you to wood dust generated during machining, and formaldehyde, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision: 03/06/2026

Indication of Changes: Updated to add GHS pictograms, expanded precautionary statements, fuller toxicological/regulatory formatting, and vendor-style SDS layout.

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Code	Meaning
Carc. 1A	Carcinogenicity Category 1A
Comb. Dust	Combustible Dust
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H317	May cause an allergic skin reaction
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure

System	Health	Fire	Reactivity/Physical	Other
NFPA	3	1	1	

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HMIS III	3*	1	0	F
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NFPA Health Hazard: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA Fire Hazard: 1 - Materials that must be preheated before ignition can occur.

NFPA Reactivity Hazard: 1 - Materials that are normally stable but can become unstable at elevated temperatures and pressures.

HMIS III Health: 3 Serious Hazard; * Chronic - Chronic (long-term) health effects may result from repeated overexposure.

HMIS III Flammability: 1 Slight Hazard. HMIS III Physical: 0 Minimal Hazard. HMIS III Personal protection: F.

This information is based on current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.

