Safety Data Sheet
Plywood

SECTION 1: Identification

1.1 Product identifier

Product name	Plywood

1.2 Other means of identification
Not applicable.

1.3 Recommended use of the chemical and restrictions on use
Recommended use: plywood for general construction.
Restriction on use: no data available.

1.4 Supplier's details

Name	PotlatchDeltic Land and Lumber, LLC
Address	601 W 1st Ave., Suite 1600 Spokane, WA 99201 USA
Telephone	(509) 835-1500

1.5 Manufacturer's details

Name	St. Maries Complex
Address	2200 Railroad Ave. St. Maries, ID 83861 USA
Telephone	(208) 245-2585

1.6 Emergency phone number(s)
(509) 835-1500

SECTION 2: Hazard identification

General hazard statement
The product is non-hazardous as delivered. However, it may become hazardous as a result of dust generating downstream activities (e.g. cutting, grinding, etc.). The potential hazards from exposure to dust and mitigating measures are described below.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Combustible dusts
- Carcinogenicity, Cat. 1A
- Sensitization, skin, Cat. 1
- Sensitization, respiratory, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 3

- Specific target organ toxicity (repeated exposure), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram

Signal word	**Danger**

Hazard statement(s)

H317	May cause an allergic skin reaction
H334	May cause 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]
—	May form combustible dust concentrations in air

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands and exposed skin 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 protective gloves/protective clothing/eye protection/face protection.
P284	In case of inadequate ventilation wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of water
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
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/doctor.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with applicable Federal, State and local laws and regulations.

2.3 Other hazards which do not result in classification

Dust may cause skin irritation. Dust may cause eye irritation. Exposure to dust may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Components

Component	Concentration
Wood (wood dust, softwood or hardwood) (CAS no.: not available)	**98-99%**
CLASSIFICATIONS: Combustible dusts; Carcinogenicity, Cat. 1A; Sensitization, skin, Cat. 1; Sensitization, respiratory, Cat. 1; Specific target organ toxicity (single exposure), Cat. 3; Specific target organ toxicity (repeated exposure), Cat. 1.	
Cured Phenol-Formaldehyde resin (CAS no.: 9003-35-4)	**1-2%**
CLASSIFICATIONS: Not classified.	

Impurities: product may contain trace amounts of Formaldehyde (CAS no.: 50-00-0)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Get medical advice/ attention if you feel unwell.
If inhaled	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
In case of skin contact	Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation or rash develops or persists. Wash contaminated clothing before reuse.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

If inhaled	Dust may cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
In case of skin contact	Dust may cause skin irritation. May cause an allergic skin reaction. Signs/symptoms may include localized redness, dryness, swelling, itching, rash, and hives.
In case of eye contact	Dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Ingestion caused by poor hygiene practices may be harmful and cause adverse symptoms, including, diarrhea, nausea, gastrointestinal irritation.
Chronic exposure	Inhalation of dust may cause cancer. Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation).

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical
May form combustible dust concentrations in air. Large dust clouds from product have the potential to ignite explosively.
Lower explosive limit (LEL): 40 g/m³.
Hazardous combustion products: Carbon oxides and other toxic fumes and gases.

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary. Fight fire from a safe distance or a protected location. Approach fire from upwind to avoid hazardous vapours or gases.

Further information
No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid generation of dust. Ensure adequate ventilation. Avoid breathing dust. Keep all ignition sources away. Wear suitable personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions
Avoid unnecessary release into the environment.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without dust generation.

If dust is generated:
Non-sparking tools should be used. Use explosion proof vacuum with HEPA filter during cleanup. Keep all ignition sources away from spill to avoid potential for dust explosion. If sweeping is required use a dust suppressant.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practices. Minimize dust generation. Do not breathe dust. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear suitable personal protective equipment. For personal protection see section 8. Avoid accumulation of dusts, which can lead to a serious hazard of dust explosion. Keep all ignition sources away. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

7.2 Conditions for safe storage, including any incompatibilities
Store in a cool, well-ventilated and dry place. Keep away from sources of ignition, heat, and direct sunlight.

Specific end use(s)
Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Wood dust (CAS no.: not available)

OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak		**NIOSH REL** Up to 10-hour TWA (ST) STEL (C) Ceiling		**ACGIH® TLV®** 8-hour TWA (ST) STEL (C) Ceiling		**Cal/OSHA PEL** 8-hour TWA (ST) STEL (C) Ceiling Peak	
PEL-TWA	15 mg/m³ (total dust), 5 mg/m³ (respirable dust)	**REL-TWA**	1 mg/m³	**TLV-TWA**	Western red cedar: 0.5 mg/m³ (inhalable fraction), All other species: 1 mg/m³ (inhalable fraction)	**PEL-TWA**	All soft and hardwoods, except Western red cedar: 2 mg/m³. Western red cedar: 0.5 mg/m³.
PEL-STEL	Not available	**REL-STEL**	Not available	**TLV-STEL**	Not available	**PEL-STEL**	5 mg/m³ (all soft and hardwoods, except Western red cedar)
PEL-C	Not available	**REL-C**	Not available	**TLV-C**	Not available	**PEL-C**	Not available

Formaldehyde (CAS no.: 50-00-0)

OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak		**NIOSH REL** Up to 10-hour TWA (ST) STEL (C) Ceiling		**ACGIH® TLV®** 8-hour TWA (ST) STEL (C) Ceiling		**Cal/OSHA PEL** 8-hour TWA (ST) STEL (C) Ceiling Peak	
PEL-TWA	0.75 ppm [0.5 ppm Action Level]	**REL-TWA**	0.016 ppm	**TLV-TWA**	0.1 ppm	**PEL-TWA**	0.75 ppm [0.50 ppm Action Level]
PEL-STEL	2 ppm	**REL-STEL**	Not available	**TLV-STEL**	0.3 ppm	**PEL-STEL**	2 ppm
PEL-C	Not available	**REL-C**	0.1 ppm [15 minutes]	**TLV-C**	Not available	**PEL-C**	Not available

8.2 Appropriate engineering controls

Provide general ventilation or local exhaust ventilation to minimize exposure to dust and maintain airborne concentrations below OSHA PELs or other specified exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms

Eye/face protection

Wear tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear protective gloves. Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate dust mask, air-purifying respirator with particulate filter (HEPA), or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards
No data available.

Environmental exposure controls
Avoid unnecessary release into the environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Solid wood sheet with natural wood color.
Odor	Slight aromatic resinous and wood odor.
Odor threshold	No data available.
pH	Not applicable.
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper explosive limits	No data available.
Lower explosive limit (LEL)	40 g/m³ (wood dust)
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	482-572° F (250-300°C)
Decomposition temperature	No data available.
Viscosity	Not applicable.

Other safety information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity
Non-reactive under normal use conditions.

10.2 Chemical stability
Stable under normal storage conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4 Conditions to avoid
Avoid dust generation. Keep away from open flames, hot surfaces and sources of ignition. Avoid exposure to incompatible products. Protect from moisture.

10.5 Incompatible materials
Strong oxidizing agents, strong acids, strong bases.

10.6 Hazardous decomposition products
Carbon oxides (CO, CO2), Formaldehyde and other organic compounds.

SECTION 11: Toxicological information

Information on toxicological effects

Likely Routes of Exposure to dust: Eye contact. Skin contact. Inhalation.

If inhaled	Dust may cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
In case of skin contact	Dust may cause skin irritation. May cause an allergic skin reaction. Signs/symptoms may include localized redness, dryness, swelling, itching, rash, and hives.
In case of eye contact	Dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Ingestion caused by poor hygiene practices may be harmful and cause adverse symptoms, including, diarrhea, nausea, gastrointestinal irritation.
Chronic exposure	Inhalation of dust may cause cancer. Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation).

Acute toxicity
Based on available data, classification data are not met.

Components (US National Library of Medicine ChemIDplus database toxicity data):

Formaldehyde (CAS no.: 50-00-0)
LD50 (oral) - rat – 100 mg/kg
LD50 (skin) - rabbit - 0.27 mL/kg
LD50 (inhalation) - rat – 203 mg/m^3

Skin corrosion/irritation
Dust may cause skin irritation.

Serious eye damage/irritation
Dust may cause eye irritation.

Respiratory or skin sensitization
May cause an allergic skin reaction.

Dust may cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity
Based on available data, classification data are not met.

Carcinogenicity
May cause cancer.

Wood dust may cause cancer of the nasal cavity and paranasal sinuses and of the nasopharynx. Plywood may release extremely low amounts of formaldehyde. Formaldehyde may cause nasopharyngeal cancer, leukaemia, and sinonasal cancer.

IARC:	Wood Dust: Group 1: Carcinogenic to humans; sufficient evidence of carcinogenicity.
	Formaldehyde: Group 1: Carcinogenic to humans, sufficient evidence of carcinogenicity.
NTP:	Wood Dust: Known to be a human carcinogen.
	Formaldehyde: Known to be a human carcinogen.
OSHA:	Formaldehyde: Listed as carcinogen

Reproductive toxicity
Based on available data, classification data are not met

STOT-single exposure
Dust may cause respiratory irritation.

STOT-repeated exposure
Dust causes damage to organs (lung/respiratory system) through prolonged or repeated exposure via inhalation.

Aspiration hazard
Based on available data, classification data are not met.

Additional information
No data available.

SECTION 12: Ecological information

Toxicity
No data available.

Persistence and degradability
No data available.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

SECTION 13: Disposal considerations

Disposal of the product
Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components
Wood dust (CAS no.: not available)
Formaldehyde (CAS no.: 50-00-0)

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

Plywood	
HEALTH	3*
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating

SECTION 16: Other information

16.1 Further information/disclaimer

Date of issue: September 14, 2021.

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