

SECTION 1 Identification

1.1. Product identifier

Product form : Article
Product name : Engineered Wood I-Joists

1.2. Other means of identification

Synonyms : PKjoist; PKjoist with WebShield

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Structural building product used as part of the floor systems in residential and commercial housing projects

1.4. Supplier's details

Manufacturer

Pinkwood Ltd.
5929 6 St NE
Calgary, AB, T2K 5R5
Canada
T 403-279-3700
www.PinkWood.ca

Distributor

AMARCOR
14523 S. Palo Alto Dr. UT 84096
Herriman, Utah
T 702-400-2195

1.5. Emergency phone number

Emergency number : 403-279-3700 (main office)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

This product is a manufactured article. GHS classification and labeling are not applicable to product in purchased form. The hazards indicated in this document apply only when this product is cut, drilled, or modified in such a way that dust particles are released.

GHS classification

Skin irritation, Category 2
Eye irritation, Category 2B
Carcinogenicity, Category 1A
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
Combustible Dust

2.2. Label elements

GHS labelling

Hazard pictograms (GHS)



Signal word (GHS)

: Danger

Hazard statements (GHS)

: May form combustible dust concentrations in air [if small particles are generated during further processing, handling or by other means.]
Causes skin irritation (Wood dust)
Causes eye irritation (Wood dust)
May cause respiratory irritation (Wood dust)
May cause cancer (if inhaled (Wood dust)).

Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Precautionary statements (GHS)	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust, fume, gas, mist, spray, vapours. Wash hands, forearms and face thoroughly after sawing, drilling, or sanding. Use only outdoors or in a well-ventilated area if sawing, drilling, or sanding. Wear protective gloves, protective clothing, eye protection, face protection if sawing, drilling, or sanding. If on skin (dust): Wash with plenty of water. If inhaled (dust): Remove person to fresh air and keep comfortable for breathing. IF IN EYES (dust): Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center or doctor if you feel unwell. If skin irritation occurs: Get medical advice or attention.If eye irritation persists: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Sawing, drilling or sanding of product must be done in a well-ventilated place.
--------------------------------	---

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

Not applicable

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Pinkwood PKI I-Joists (Flange = 60%)

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Wood dust	Wood dust	CAS-No.: Not available	94.9 - 99.7

Pinkwood PKI I-Joists with WebShield (Flange = 43%)

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Wood dust	Wood dust	CAS-No.: Not available	94.9 - 99.7

Comments : The concentrations listed represent actual ranges that result from batch variability.

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: IF INHALED (dust): Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
-------------------------------------	---

Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

First-aid measures after skin contact	: IF ON SKIN (dust): Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES (dust): Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: Dust may cause respiratory tract irritation
Symptoms/effects after skin contact	: Dust causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Dust causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: Not a normal route of exposure. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.
Chronic symptoms	: May cause cancer by inhalation (Wood dust)

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

Other medical advice or treatment	: Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
-----------------------------------	--

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use water jet.

5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible dust. Products of combustion may include, and are not limited to: oxides of carbon. Aldehydes. Polycyclic-aromatic hydrocarbons. Terpenes. Irritating vapours.
Explosion hazard	: Airborne dust in sufficient concentrations when confined and exposed to a sufficient ignition source can explode.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
--------------------------------	--

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. 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. Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). Use only non-sparking tools.
------------------	--

For non-emergency personnel

No additional information available

For emergency responders

Environmental precautions	: Prevent entry to sewers and public waters.
---------------------------	--

Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

6.2. Methods and materials for containment and cleaning up

- For containment
- : Contain spill, then place in a suitable container. Minimise dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up
- : Pick up large pieces, then place in a suitable container. Sweep or shovel spills into appropriate container for disposal.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling
- : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Do not breathe dust, fume, gas, mist, spray, vapours. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area if sawing, drilling or sanding. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Formaldehyde is subject to the standard 29 CFR 1910.1048, which may contain specific requirements for handling including protective equipment, regulated areas, monitoring and medical surveillance. The employer should review the standard and assure compliance with applicable requirements.
- Hygiene measures
- : Take off all contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

- Storage conditions
- : Keep away from sources of ignition. Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store locked up. Store in dust-tight, dry, labelled containers. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Wood dust (Not available)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [mg/m³]	10 mg/m³ (inhalable particles) 3 mg/m³ (respirable particles)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [mg/m³]	10 mg/m³ (total dust) 5 mg/m³ (respirable particles)

Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e, there is not leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.
Eye protection:
Protective goggles should be worn for processes which generate dust.
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
Wear appropriate approved dust mask or filtering facepiece if dust is generated. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Wood
Colour	: Wood
Odour	: None
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Combustible Dust.
Vapour pressure	: No data available
Relative vapour density at 20°C/ 68 °F	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable.
Explosive limits	: No data available
Explosive properties	: May form combustible dust concentrations in air.
Particle characteristics	: No data available

Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions. May form combustible dust concentrations in air.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid dust formation. Heat.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Aldehydes. Polycyclic-aromatic hydrocarbons. Terpenes.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.
Skin corrosion/irritation	: Causes skin irritation. (Wood dust)
Serious eye damage/irritation	: Causes eye irritation. (Wood dust)
Respiratory or skin sensitisation	: Respiratory sensitization: Not classified. Skin sensitization: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: May cause cancer by inhalation (Wood dust)
Reproductive toxicity	: Not classified.
STOT-single exposure	: May cause respiratory irritation. (Wood dust)

Wood dust (Not available)

STOT-single exposure	May cause respiratory irritation.
----------------------	-----------------------------------

STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.

Engineered Wood I-Joists

Viscosity, kinematic	Not applicable.
----------------------	-----------------

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: Not a normal route of exposure. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.

Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Chronic symptoms : May cause cancer by inhalation (Wood dust)
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term : Not classified.
(acute)
Hazardous to the aquatic environment, long-term : Not classified.
(chronic)

12.2. Persistence and degradability

Engineered Wood I-Joists

Persistence and degradability	Not established.
-------------------------------	------------------

Wood dust (Not available)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

12.3. Bioaccumulative potential

Engineered Wood I-Joists

Bioaccumulative potential	Not established.
---------------------------	------------------

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified.
Fluorinated greenhouse gases : No

Other information : No other effects known.

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

In accordance with DOT / TDG

14.1. UN Number

UN-No. (DOT) : Not regulated
UN-No. (TDG) : Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Not regulated
Proper Shipping Name (TDG) : Not regulated

Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not regulated

TDG

Transport hazard class(es) (TDG) : Not regulated

14.4. Packing group

Packing group (DOT) : Not regulated

Packing group (TDG) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

TDG

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory,.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. State regulations



WARNING:

Drilling, sawing, sanding or machining wood products can expose you to Wood (solid), a substance known to the State of California to cause cancer. Avoid inhaling Wood (solid) or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

SECTION 16 Other Information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Revision date : 2026-03-25

Issue date : 2017-07-07

Other information : Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

Prepared by : Nexreg Compliance Inc.

www.Nexreg.com



Engineered Wood I-Joists

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Full text of H-statements	
Carc. 1A	Carcinogenicity, Category 1A
Comb. Dust	Combustible Dust
Eye Irrit. 2B	Serious eye damage/eye irritation, Category 2B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Indication of changes:
SDS update . Formulation revision.

SDS HazCom 2024 - WHMIS 2022 (Nexreg) 2026

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.