

MATERIAL SAFETY DATA SHEET (MSDS)

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Section 1 Product and Supplier Identification

Supplier	Paxwood Pty Ltd t/a Clever Choice Design Floors Unit 1, 164 Adderley Street West, Auburn, NSW, 2144 Phone: 07 5526 7399 (Qld) or 02 9737 9949 (Syd) Emergency/after-hours: 0419 399 476 Website: www.cleverchoice.com.au
Product Name	Clever Classic Laminate Flooring
Product Use	Prefinished wood floor covering for residential or commercial
Appearance and Odour	Multiple colors and patterns, embossed and flat surfaces
Creation Date	December 2021 <i>(Valid for 5 years from the date of original preparation or the last revision of the SDS.)</i>
Version Issue Date	December 2021

Section 2 Hazard Identification

Statement of Hazardous Nature The primary health hazards posed by this product are thought to be due to the exposure to dust generated when sawing, sanding, planing, and/or routing. Wood dust is classified as a hazardous substance according to the criteria of NOHSC. A NIOSH approved dust respirator should be worn if dust exposure limits are exceeded. May cause eye and skin irritation. In its intact state this product is not classified as a hazardous substance according to the criteria of NOHSC.

Type 1 Wood Dust

Description Dust may aggravate pre-existing respiratory or allergy conditions.

NTP Known to be a human carcinogen

IARC Group 1

OSHA Not Listed

Type 2 Formaldehyde

Description Formaldehyde gas may be released under some conditions particularly when the boards are heated and laminated or cut by laser cutting machines.

NTP Group 1

IARC Monographs: Formaldehyde Group 1

OSHA Regulated: Formaldehyde

Type 3 Fire & Explosion

Description Combustible solid. Wood dust may ignite at certain temperatures greater than 204°C.

Type 4 Potential Health Effects

Swallow/Ingestion Unlikely under normal conditions. With significant exposure to intake there may be some abdominal discomfort or irritation. Do not induce vomiting. Seek medical attention.
Short term effect: Significant exposure is considered unlikely.
Long term effect: This product is unlikely to cause problems in the long term.

Eye Contact Dust in the eye should be treated as a foreign object, and should be flushed with water several times. If irritation persists, seek medical attention.
Short term effect: eye irritation, redness and watering
Long term effect: There is currently no data available to support the long term effects associated with eye contact.

Skin Contact Although not typical, contact dermatitis in sensitive persons may occur. Frequent contact can cause skin irritation, dryness, abrasions, cuts, or slivers. Wash hands or skin after contact. Seek medical attention if necessary.
Short term effect: skin itching, redness, and dermatitis in some people
Long term effect: There is currently no data available for the effects associated with long term skin contact.

Inhalation
(respiratory & allergies) Not applicable after installation. Wood dust may cause obstruction in the nasal passages causing irritation, coughing and/or sneezing. Seek medical attention if respiratory conditions, cough or breathing become severe or persists.
Short term effect: Irritation to the nose, throat and lungs.
Long term effect: There is currently no data available for the health effects associated with long term inhalation.

Section 3 Product composition/information and ingredients

Name	CAS No.	Weight (%)
Urea, poly with formaldehyde and 1,3,5-triazine-2,4,6-triamine	25036-13-9	14.07
Phenol formaldehyde resin	9003-35-4	14.07
Paraffin waxes and hydrocarbon waxes	8002-74-2	0.93
Wood powder	-	85

Section 4 First Aid Measures and Emergency Response

General	Follow general first aid procedures or seek medical advice. Call The Poisons Information Centre if you believe you have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand). Have this SDS available when you call.
Swallow/Ingestion	If the product is swallowed or gets in the mouth, do not induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.
Eye Contact	If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical help.
Skin Contact	If on skin: wash with plenty of water/soap. If skin irritation or rash occurs: get medical help.
Inhalation (respiratory & allergies)	If inhaled: remove person to fresh air and keep comfortable for breathing. If experience respiratory symptoms: get emergency medical help immediately.

Section 5 Fire Fighting Measures

Flash Point (Method Used)	N/A
Flame Classification	Not determined
Auto-Ignition Temperature	>220°C
Extinguishing Media	Water spray, regular foam, CO ₂ , dry sand and dry chemical
Special Firefighting Procedures	None

Unusual Fire/ Explosion Hazards	None
Flame Classification	Not determined
Lower Explosive Limit (LEL)	N/A
Upper Explosive Limit (UEL)	N/A
Specific Hazards arising from the chemical	Wood dust burns readily if ignited. Concentrations of small dust particles in the air can form mixture that will explode if ignited. Explosions can dislodge deposits of dust on walls, floors and ledges. These dislodged deposits can then ignite, causing secondary explosions. Fire will produce irritating and/ or toxic gases.
Specific protective actions for fire-fighters	Alert Fire Brigade and tell them location and nature of hazard. Keep unauthorized personnel away. Stay upwind, uphill and/or upstream. Ventilate closed spaces before entering, but only if properly trained and equipped. Wear positive pressure self-contained breathing apparatus(SCBA). Structural firefighters' protective clothing provides thermal protection but only limited chemical protection. If it can be done safely, move damaged containers away from the area around the fire. Equipment should be thoroughly decontaminated after use.

Section 6 Accidental Release Measures

Personal precautions, protective equipment, & emergency procedures	As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include cotton. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that dust is likely to build up and exceed exposure limits in the area, we recommend that you use a NIOSH approved dust respirator. Thoroughly launder protective clothing before storage or re-use. Advise laundry of the nature of contamination when sending contaminated clothing to laundry.
Environmental precautions	Not applicable in purchased form. However, sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash the area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.
Methods and materials for containment and cleaning up	Dust generated from sawing, sanding, planing, or routing may be vacuumed, or shoveled for recovery, removal, or disposal, whichever is appropriate.

Section 7 Handling and Storage

Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Person with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Avoid formation of dust. Wear protective gloves/ dust mask that fits snugly and comfortably. Avoid breathe dust/fume. Consider using a saw hood or sanding table that has suction to pull dust particles downward to prevent inhalation. Do not use compressed air to clean work surfaces. Weep or vacuum the dust. Vacuum with a high- efficiency particulate air filter or use a shop vacuum cleaner with a HEPA filter, if possible. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

Conditions for safe storage, including any incompatibilities

No specific transport requirements are considered necessary. The boards should be stored in well ventilated areas away from sources of heat, flames or sparks.

Specific end use/s

Section 8 Exposure Controls/Personal Protection

Control Parameters

Personal Protective Equipment (PPE):

1. Respiratory Equipment: not required; however a NOISH approved respirator is recommended when allowable exposure limits are exceeded
2. Protective Gloves: not required; however, work gloves are recommended to avoid splinters, slivers, and cuts
3. Eye Protection: not required; however, protective goggles/glasses are highly recommended when sawing or sanding
4. Other protective clothing or equipment: Not required; however, outer garments may be desirable due to dust.
5. Work/Hygiene Practices: clean up settled dust to avoid slippery areas and accumulation of combustible materials. Avoid or minimize practices that generate high air-borne dust particles.

Exposure Controls

Ventilation:

1. Local Exhaust: Provide local exhaust as needed to avoid exposure limits
2. Mechanical: Ventilation in processing and storage areas should be provided to avoid exposure limits
3. Other: None

Section 9 Physical and Chemical Properties

Boiling Point (°F/°C)	N/A
Vapor Pressure (mm Hg)	N/A
Vapor Density	N/A
Specific Gravity (H2O = 1)	0.5-0.85
Melting Point	N/A
Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility	N/A
Volatile by Volume	N/A
PH	N/A
Percent Moisture	N/A

Section 10 Stability and Reactivity

Reactivity	This product is unlikely to react or decompose under normal storage conditions.
Chemical stability	Stable
Conditions to avoid	Avoid open flame. Products may ignite at temperatures in excess of 400oF (204oC). Avoid excessive moisture.
Incompatible materials	Avoid contact with oxidizing agents
Hazardous decomposition or by-products	Thermal decomposition products include: carbon monoxide, carbon dioxide, aliphatic aldehydes, organic acids, terpenes, and polycyclic aromatic hydrocarbons

Section 11 Toxicological Information

General	There is no toxicological information available in purchased form.
Other	Formaldehyde is listed by IARC as a human carcinogen. NTP includes formaldehyde in the Annual Report on Carcinogens. Formaldehyde is regulated by OSHA as a potential cancer agent. Some rats exposed under

laboratory conditions to 14ppm formaldehyde (a level far exceeding human tolerance limits, and far exceeding that normally found in the workplace) for two years developed nasal cancer. The Universities Associated for REsearch and Education in Pathology (UAREP) has stated in a report, Epidemiology of a Chronic Occupational Exposure to Formaldehyde, (December, 1987,) that: "1: For no malignancy in man is there convincing evidence of a relationship with formaldehyde exposure; and 2: Furthermore, that if a relationship does exist, the excess risk, in absolute terms, must be small."

Section 12 Ecological Information

Control Parameters	Expected to not be an environmental hazard.
Exposure Controls	This product should only be used for its intended purpose.

Section 13 Disposal considerations

Waste treatment methods	It is preferable to recycle or burn. Burning must not be used as a means of disposal unless local authority and EPA approvals have been obtained. Land disposal is acceptable in most states or send to a commercial waste disposal site. It is the user's responsibility to determine at the time of disposal whether this product meets RCRA criteria for hazardous waste. Follow applicable federal, state, and local regulations.
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Section 14 Transport Information

General	This product is not classified as a Dangerous Good according to the Australia Code for the Transport of Dangerous Goods by road or rail.
UN Number	Unrestricted
Special precautions for users	Dry temperate conditions

Section 15 Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance/mixture	Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No Delayed Hazard - No
Chemical safety assessment	This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.

Section 16 Other Information

Revised December 2021 Next revision December 2026

Definitions

- ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
- AICS - Australian Inventory of Chemical Substances
- SWA - Safe Work Australia, formerly ASCC and NOHSC
- CAS number - Chemical Abstracts Service Registry Number
- Hazchem Code - Emergency action code of numbers and letters that provide information to emergency services especially firefighters
- IARC - International Agency for Research on Cancer
- NOS - Not otherwise specified
- NTP - National Toxicology Program (USA)
- SUSMP - Standard for the Uniform Scheduling of Medicines & Poisons
- UN Number - United Nations Number

References <https://www.safeworkaustralia.gov.au/sds#information-to-include-in-safety>

Disclaimer

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