

**Section 1 – Identification of the Substance and of the supplier**

Description	Uses
Vulcan	Cladding, decking, screening and decorative panelling.
<b>Manufacturer/ supplier details</b>	Abodo Wood Ltd 62 Ascot Rd Mangere Auckland 2022 New Zealand
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**Section 2 – Hazard Identification**

Hazard classification	Statements
	Not classified as hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
	Not classified as dangerous goods by the criteria of the "New Zealand NZS5433:2012: Transport of Dangerous Goods on Land".

**Section 3 – Composition/Information on Ingredients****Chemical Nature**

Ingredient	CAS No.	Content (% w/w)
Radiata pine	Not available	>95%

**Section 4 – First Aid Measures**

<b>If in eyes</b>	Hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a doctor/physician.
<b>If inhaled</b>	Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
<b>If on skin</b>	Immediately take off all contaminated clothing. Rinse skin with water (or shower).
<b>If swallowed</b>	Rinse mouth. Do NOT induce vomiting, call a POISON CENTER/doctor/ if you feel unwell.
<b>Note to physician</b>	Treat symptomatically.

**Section 5 – Fire-Fighting Measures**

<b>Suitable extinguishing media</b>	Use jet or fine water spray/fog for large quantities.
<b>Specific hazards</b>	Combustible may evolve toxic gases (Carbon oxides, hydrocarbons) when heated to decomposition. Finely divided dust may form explosive mixtures with air.
<b>Protective equipment and precautions for fire fighters</b>	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots and gloves).
<b>explosion hazards</b>	

### Section 6 – Accidental Release Measures

**Clean-up** Collect spilled material and reuse or dispose of appropriately.

### Section 7 – Handling and Storage

**Storage** Store in a cool, dry, well-ventilated area, removed from oxidizing agents and foodstuffs. Ensure material is adequately labelled, protected from physical damage and sealed when not in use.

**Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### Section 8 – Exposure Controls/Personal Protection

#### Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Wood dust (soft wood)	WES (NZ)	-	2	-	2

**Biological limits** No biological limit allocated.

**Engineering controls** Avoid inhalation. Use in well-ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

**PPE** Eye/face At high dust levels, wear dust proof goggles.

Hands Individuals with sensitive skin should consider wearing PVC or rubber gloves.

Body At high dust levels, wear coveralls.

Respiratory At high dust levels, wear a Class P1 (Particulate) respirator.

### Section 9 – Physical and Chemical Properties

<b>Appearance</b>	Solid.
<b>Odour</b>	Pine Odour.
<b>pH</b>	N/A
<b>Melting point</b>	N/A
<b>Boiling point</b>	N/A
<b>Flash point</b>	N/A
<b>Flammability</b>	Combustible.
<b>Explosive limits</b>	N/A
<b>Vapour pressure</b>	N/A
<b>Vapour density</b>	N/A
<b>Specific gravity</b>	350 – 550 kg/m <sup>3</sup>
<b>Solubility in water</b>	Insoluble.
<b>Partition coefficient</b>	N/A
<b>Auto-ignition temperature</b>	N/A
<b>Decomposition temperature</b>	N/A
<b>Kinematic viscosity</b>	N/A

**Section 10 – Stability and Reactivity**

**Chemical stability** Stable under recommended conditions of storage.

**Conditions to avoid** Avoid heat, sparks, open flames and other ignition sources.

**Incompatible materials** Incompatible with oxidising agents and strong mineral acids.

**Hazardous decomposition products** May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

**Section 11 – Toxicological Information**

**Health hazard summary** Low irritant – high chronic toxicity. Use safe work practices to avoid dust generation – inhalation. Occupational exposure to wood dust is classified as carcinogenic to humans (IARC Group 1). Adverse health effects are usually associated with long term exposure to high dust levels.

**Eye** Low to moderate irritant. Contact may result in irritation, lacrimation, pain and redness.

**Inhalation** Low to moderate irritant. Overexposure may result in irritation of the nose and throat with coughing. Chronic exposure to wood dust may result in nasal and paranasal sinus cancers.

**Skin** Low irritant. Prolonged or repeated exposure to dust may result in irritation and rashes.

**Ingestion** Low toxicity. Ingestion may result in gastrointestinal irritation, nausea and vomiting. However due to product form, ingestion is considered unlikely.

**Toxicity data** No LD<sub>50</sub> data available for this product.

**Section 12 – Ecological Information**

**Ecotoxicity** This product is not anticipated to cause adverse effect to animal or plant life if released to the environment in small quantities.

**Persistence and degradability** No data available.

**Bio accumulation** No data available.

**Soil mobility** No data available.

**Other adverse effects** None known.

**Section 13 – Disposal Considerations**

**Special precautions during disposal** Dispose in accordance with national and local regulations.

**Methods of disposal to avoid** Do not dispose of on an open fire or in a furnace.

**Section 14 – Transport Information**

**Road and rail transport** Not classified as dangerous goods by the criteria of NZS 5433:2012: Transport of Dangerous Goods on Land.

**Sea transport** IMDG: Not classified as dangerous goods under transport regulations.

**Air transport** IATA: Not classified as dangerous goods under transport regulations.

### Section 15 – Regulatory Information

Not classified as hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

### Section 16 – Other Information

**SDS version number** 1.0  
**SDS effective date** 25 September 2019  
**SDS review date** 25 September 2024  
**SDS regulation** The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No HSNOCOP 8-1 09-06): Preparation of Safety Data Sheets.

#### Abbreviations

CAS	Chemical Abstracts Service (Registry Number).
HSNO	Hazardous Substances and New Organisms Act 1997.
IARC	International Agency for Research on Cancer.
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous Goods Code.
kg/m <sup>3</sup>	Kilograms per cubic metre (Density of timbers).
LD <sub>50</sub>	Lethal Dose 50%.
mg/m <sup>3</sup>	Milligrams per cubic metre.
NZS	New Zealand Standard.
ppm	Parts per million.
WES	Workplace Exposure Standard.

#### Disclaimer

This document is compiled based on current knowledge as provided Abodo Wood Ltd or information obtained from third party sources relating to safety and handling precautions for this product.

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