SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product:	**Seratone AQUA PLUS**
Product Use:	For interior use only
Restriction of Use:	Refer to Section 15
Manufacturer:	**Laminex New Zealand**
Address:	31 Rockridge Ave Penrose Auckland, 1642
Telephone:	0800 303 606
Emergency No:	**0800 764 766 (National Poison Centre)**
Date of SDS Preparation:	17 June 2024

Section 2. Hazards Identification

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Calcium carbonate	61	471-34-1
In-house recycled content	17	N/A
Polyvinyl Chloride	18	9002-86-2
Calcium Zinc Stabilizer	2	1592-23-0 / 557-05-1
Lubricant	0.5	85541-42-0 / 9002-88-4
Regulator	0.75	922-67-8
Plasticizer	0.75	68441-17-8
Paint:		< 1%
UV Urethane Acrylate Primer	(< 1.5 wt%)	
UV Urethane Acrylate Base Coat	(< 0.7 wt%)	
UV Urethane Acrylate Topcoat	(< 2.3 wt%)	
NB: The polyurethane coating in its finished state is inert, all constituents are fully reacted and there are no carcinogenic components in the coating.		

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes — Hold eyelids open and immediately irrigate eye with copious amounts of water for a minimum of 15 minutes. Remove contact lenses if safe to do so. If irritation persists, seek medical advice

If on Skin	Brush off dust. Some individuals may have a sensitization to resins or chemical residues. Seek medical advice if a large area of redness or skin irritation develops.
If Swallowed	Rinse mouth with water. If abdominal discomfort occurs seek medical attention.
If Inhaled	Dust must not be inhaled. Immediately remove patient to fresh air if breathing difficulties or asthma symptoms. Immediately seek medical advice if patient has a history of asthma and does not carry an inhaler.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestions	Unlikely to occur but swallowing the dust may result in abdominal discomfort.
Eye	The dust may be irritating to the eye causing discomfort and redness.
Skin	dust may evoke allergic contact dermatitis in sensitised individuals.
Inhaled	The dust may irritate the nose, throat and lungs, especially in people with upper respiratory tract or chest complaints such as asthma.

Section 5. Fire Fighting Measures

Hazard Type	Combustible mineral composite.
Hazards from combustion products	Primarily carbon monoxide and smoke particulates from mineral composite combustion. Burning or smouldering panels or dust can generate carbon dioxide, carbon monoxide, phosphorus oxides, halogenated compounds, metal oxide/oxides, hydrogen chloride gas and other pyrolysis products, which are irritating to the respiratory tract.
Suitable Extinguishing media	Extinguish fires with water jet or water spray. Use water or dry foam extinguishers.
Precautions for firefighters and special protective clothing	Firefighters should wear self-contained breathing apparatus if there is a risk of exposure to smoke particulates and gaseous products from combustion.
HAZCHEM CODE	**1T**

Section 6. Accidental Release Measures

Wear PPE as recommended in Section 8. Avoid creation of dust and inhalation of dust. Ensure adequate ventilation.

Do not allow product down the drain. Collect and arrange disposal without creating dust. Store in suitable containers for disposal.

Dust Significant quantities of large surface area panel particles (sawdust, shavings, small off-cuts, machining dust) must not be left on a site where they can be washed away or buried in the subsoil.

Section 7. Handling and Storage

Precautions for Handling:

May be handled without special precautions other than observing a good standard of personal hygiene such as wearing protective gloves (cotton or leather) and washing hands before eating or smoking**.**

Precautions for Storage:

Store in a dry well ventilated area. Observe precautionary measures to prevent static discharge.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³
Calcium Carbonate		10		

Occupational exposure limits: Not applicable
Biological limit values: Not applicable

Engineering Controls
Observe good industrial safety and hygiene practices.

Personal Protection Equipment

Eyes	Wear dust-proof goggles if cutting or sanding.
Hands	Wear protective gloves if cutting or sanding.
Respiratory	Where dust or fire ash is present wear a Class P1 (particulate) respirator.

Section 9 Physical and Chemical Properties

Appearance	Wall and ceiling panels
Colour	Various, high-gloss or matte panel front
Odour	Characteristic
Odour Threshold	Not available
pH	Not applicable
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Combustible
Explosive Limits in air	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	1.83 -1.88
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Above 200°C
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	No data available.
Conditions to Avoid	Excessive heat and high humidity.
Incompatible Materials	Mineral oil, acids, alkalis, strong oxidizing agents (chlorine gas, nitrates, nitrites, chromates and dichromate's)
Hazardous Decomposition Products	Carbon oxides,, hydrogen chloride gas.

Section 11 Toxicological Information

Acute Effects:

Swallowed	This product is not classified as acutely toxic.
Dermal	This product is not classified as acutely toxic.
Inhalation	This product is not classified as acutely toxic. Dust may irritate throat.
Eye	This product is not classified an eye irritant/corrosive.
Skin	This product is not classified as a skin irritant/corrosive. Dust may cause skin irritation extending to sensitization in some individuals.

Chronic Effects:

Carcinogenicity	This product is not classified as carcinogenic.
Reproductive Toxicity	This product is not classified as toxic for reproduction.
Germ Cell Mutagenicity	This product is not classified as mutagenic.
Aspiration	This product is not classified as Asp Tox.
STOT/SE	This product is not classified as STOT SE.
STOT/RE	This product is not classified as STOT RE.
Other	Long term exposure to wood dust or wood fumes from heat using power saws may cause chronic obstructive lung disease from wood terpenes and residual formaldehyde.

Section 12. Ecotoxicological Information

Product:	
Persistence and degradability	Expected to be partly biodegradable and non-persistent. Core may be persistent.
Biodegradation:	None
Solubility in water	None
Bioaccumulation	No data available
Mobility in Soil	Not applicable
Other adverse effects	No adverse effects on the environment to be expected

Section 13. Disposal Considerations

Disposal Method:
Recycle the product wherever possible. Otherwise bury in an authorized landfill.

Precautions or methods to avoid: Avoid burning the product.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021

Section 15 Regulatory Information

This substance is NOT classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

Section 16 Other Information

Glossary

Cat	Category
EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.

EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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