

Section 1 – Identification

GHS Product Identifier	Product Code
Abodo End Seal	AAES-V2

Recommended use of the chemical and restrictions on use

Industrial application.

Emergency phone number **New Zealand** +64 9 274 6652 (7:30am – 5pm Monday to Friday)

Supplier details	Abodo Wood Ltd 62 Ascot Rd Mangere Auckland 2022 New Zealand	Phone: +64 9 249 0100 Fax: +64 9 249 0101	Email: info@abodo.co.nz www.abodo.co.nz
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Section 2 – Hazard Identification

GHS classification	Not classified as Hazardous according to the criteria of HSNO.
of the substance/mixture	Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

Section 3 – Composition/Information on Ingredients

Ingredients

Name	CAS No.	Proportion - %w/w
Water	7732-18-5	45-70
Acrylic Binder	120232-18-0	15-30
Dipropylene glycol monomethyl ether	34590-94-8	0.1-<0.4
Octadecan-1-ol, ethoxylated	9005-00-9	<0.005
Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene glycol mono Me-ether	68938-54-5	0.1-<0.3
Benzisothiazol- 3(2h)-one	2634-33-5	0.01-<0.025
5-chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	0.0001-<0.0008
2-methyl-2H-isothiazol-3-one	2682-20-4	0.0001-<0.0003
Ingredients determined not to be hazardous or below the hazardous threshold		To 100%

Preparation Description Waterbased coating.

Section 4 – First Aid Measures

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.
First Aid Facilities	Eyewash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact the National Poisons Centre (0800 764 766), or a doctor, at once.

Section 5 – Fire-Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, dry chemical, foam, water fog or water mist.
Unsuitable Extinguishing	Water with full jet.
Hazards from Combustion Products	Toxic products may be given off in a fire.
Decomposition Temperature	Not available.
Precautions in Connection with Fire	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

Section 6 – Accidental Release Measures

Emergency Procedures	Increase ventilation. If possible, contain the spill. Wear appropriate personal protective equipment and clothing to prevent exposure. Spillage can be slippery. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. Dispose of waste according to the applicable local and national regulations.
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Section 7 – Handling and Storage

Precautions for Safe Handling Use only in a well-ventilated area. Keep containers tightly closed. Prevent the buildup of dusts, mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e., washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage, Including Any Incompatibilities Protect from freezing. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Ensure that storage conditions comply with applicable local and national regulations.

Section 8 – Exposure Controls/Personal Protection

Occupational Exposure Limit Values Not available.

Biological Limit Values No biological limits allocated.

Appropriate Engineering Controls Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure, then an approved respirator with a replaceable vapor/mist filter should be used. If engineering controls are not effective in controlling airborne exposure, then an approved respirator with a replaceable vapor/mist filter should be used. Reference should be made to Australia/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Safety glasses with side shields, chemical goggles, or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e., methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

Section 9 – Physical and Chemical Properties

Typical physical properties are given below. Consult the Product Data Sheets for specific details.

Property	Details
Form	Liquid
Colour	Various
Odour	Mild
Decomposition Temperature	Not available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Soluble
Specific Gravity	0.90 - 1.10
PH When Packed	8.0-10.0
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation rate	Not available
Odour Threshold	Not available
Partition Coefficient: n-octanol/water	Not available
Flash Point	Not available
Flammability	Noncombustible material
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available
Kinematic Viscosity	Not available
Dynamic Viscosity	Not available
Freeze Thaw Stability	Stable

Section 10 – Stability and Reactivity

Reactivity	Not expected to be a problem.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Extremes of temperature and direct sunlight. Protect from freezing.
Incompatible Materials	Strong oxidising agents. Strong acids and bases.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes.
Possibility of Hazardous Reactions	Not available.
Hazardous Polymerization	Will not occur.

Section 11 – Toxicological Information

Original data sourced from raw material SDSs and/or CCID.

Estimated Acute Toxicity – Product

LD50 Oral:	Not applicable
LD50 Dermal:	Not applicable
LC50 Inhalation:	Not applicable

Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation Inhalation of product vapours may cause irritation of the nose, throat, and respiratory system.

Skin May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye May be irritating to eyes. The symptoms may include redness, itching and tearing.

Chronic Effects Not applicable.

Section 12 – Ecological Information

Ecotoxicity Not ecotoxic according to the criteria of HSNO.

Toxicity Product Calculated Aquatic Ecotoxicity – L(E)C50: >100 mg/L.

Persistence and Degradability Not available.

Mobility Not available.

Bioaccumulative Potential Not available.

Other Adverse Effects Not available.

Environmental Protection Prevent this material entering waterways, drains and sewers.

Section 13 – Disposal Considerations

Disposal considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

Product Disposal

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. Product Disposal. This product can be disposed through a licensed commercial waste collection service. Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This is a water-based/ water-soluble product, and therefore can be sent through a Wastewater Treatment Plant and after treatment can be discharged into environment through the sewerage or drainage systems as authorized. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed. Do not dispose into the sewerage system. Dispose of waste according to applicable local and national regulations. In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the ERMA New Zealand website under specific group standards.

Container Disposal

The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service. Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous. In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

Section 14 – Transport Information

Transport Information

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Section 15 – Regulatory Information

Regulatory information

Not classified as Hazardous according to the criteria of HSNO.

Inventory Information

New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

Australia: All components of this product are included in the Australian Inventory of Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

Section 16 – Other Information

Contact Person/Point

IMPORTANT ADVICE: This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the supplier listed in section 1 of the SDS. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Technical Contact Numbers

For further information, contact Alchemis Ltd on +64 9 274 6652, however, in emergencies contact National Poisons Centre (0800 764 766).

Glossary

HSNO = Hazardous Substances and New Organisms Act 1996

EPA = Environmental Protection Authority (NZ)

CCID = Chemical Classification & Identification Database (EPA)

WES = NZ Work Exposure Standard

TWA = Time Weighted Average

STEL = Short Term Exposure Limit

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