

SAFETY DATA SHEET

ISSUED Date: 1 March 2024
ISSUED BY ISL Import Services Limited

1. IDENTIFICATION

Product Identifier

Product Name: Strongbond Plywood Underlayment
Synonyms: Not available

Relevant identified uses of the substance or mixture and uses advised against

Glued product used in residential, commercial, and industrial construction, and/or general-purpose building material.

Company Name of supplier

ISL IMPORT SERVICES LIMITED - Company No: 6172760

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Telephone

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Emergency Contact

New Zealand National Poisons Centre - 0800 POISON (0800 764 766)

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

In its intact state, plywood panels are not a hazardous material. This product contains and may release formaldehyde. Formaldehyde (CAS No. 50-00-0) has been evaluated by IARC as group 1, carcinogenic to humans. Emissions decrease through time as the panel ages. Panel edges and broken panels may cut through skin.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Precautionary statement – Prevention

Not applicable

Precautionary statement – Response

Not applicable

Precautionary statement – Storage

Not applicable

Precautionary statement – Disposal

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
3 Layers of Poplar wood veneers	-	58.8%
2 Layers of Bingtongor wood veneers	-	39.2%
Phenol Formaldehyde Resin	9003-35-4	1-2%
Formaldehyde	50-00-0	0.014%

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove the affected person from contaminated area to fresh air. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth with fresh, clean water. If symptoms develop, seek medical attention.

Skin

Wash affected area thoroughly with soap and water. If symptoms develop such as irritation or dermatitis, seek medical attention.

Eye contact

Hazard relates to dust released by mechanical means such as sawing, cutting, sanding, trimming or other finishing operations. If this product comes in contact with eyes: Wash out immediately with large amounts of fresh, clean water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

First Aid Facilities

Eye wash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a NZ National Poisons Centre or a General Practitioner (Doctor) at once. (0800 764 766)

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use appropriate fire extinguisher for the surrounding environment.

Fire Fighting Properties

Use water to wet down wood dust to reduce the likelihood of ignition or dispersion of dust into the air. Remove burned or wet dust to open areas after the fire is extinguished.

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapors or fumes. Water spray may be used to cool down heat-exposed panels.

Unusual Fire and Explosive Hazards

Sawing, sanding or grinding can produce wood dust as a by-product which may present an explosion hazard if a dust cloud contacts an ignition source. Hot humid conditions may result in spontaneous combustion of accumulated wood dust. - Partially burned or scorched wood dust can explode if dispersed in air. Will burn if ignited.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use protective gloves when handling this product to avoid splinters. Always keep dry.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No exposure value assigned for this material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

OSH Workplace Exposure Standards for soft wood dust are:

Time-Weighted-Average (TWA): 2 mg/m³ for 8 hours.

OSH Workplace Exposure Standards for formaldehyde are:

Time-Weighted-Average (TWA): 0.5 ppm for 8 hours.

0.33 ppm for 12 hours

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Equipment

When cutting, drilling, sanding, planing and routing use tools that capture all the dust at the source.

Respiratory Protection

Adequate ventilation and approved respirators with a replaceable dust/ particulate filter should be used. Reference should be made to Australian/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

Use appropriately rated, non-fogging, dust resistant safety goggles or glasses according to AS/NZS 1336.

Skin Protection

Use appropriate gloves (example NZS5812) and suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Layered wood panel boards with x stamped for installation

Colour

Light brown

Odour

Not available

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

Not applicable

Solubility in Water

Not applicable

Specific Gravity

Not applicable

pH

Not applicable

Vapour Pressure

Not applicable

Vapour Density (Air=1)

Not applicable

Evaporation Rate

Not applicable

Odour Threshold

Not available

Viscosity

Not available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Moisture. Extremes of temperature and direct sunlight.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data available for this product.

Ingestion

Ingestion of large amounts may irritate the gastric tract causing abdominal discomfort

Inhalation

Inhalation of dust may irritate the respiratory system.

Skin

Skin contact may cause irritation resulting in redness and itching.

Eye

Irritation resulting in redness and watering

Carcinogenicity

Repeated exposure to dust increases the risk of nasal cavity cancers and lung fibrosis (scarring). Sensitisation of respiratory system and skin, asthma and dermatitis risks are increased.

The International Agency for Research on Cancer (IARC) had evaluated wood dust in Group 1: carcinogenic to humans.

The International Agency for Research on Cancer (IARC) had evaluated formaldehyde in Group 1: carcinogenic to humans.

More information on IARC evaluation on wood dust and formaldehyde can be found at www.iarc.fr.

People affected by occupation asthma may suffer severe symptoms (shortness of breath, wheezing, cough) if in contact with even small amounts of wood dust.

12. ECOLOGICAL INFORMATION

No ecological data is available for this material.

13. DISPOSAL CONSIDERATIONS

Spills and Disposal Dispose dust and off-cuts in closed containers according to local authorities' disposal requirements.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

15. REGULATORY INFORMATION

WorkSafe NZ Workplace Exposure Standards for soft wood dust and formaldehyde.

16. DISCLAIMER

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END OF SDS