LIVING

KITCHEN & BATH

SAFETY DATA SHEET

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SECTION 1

IDENTIFICATION

Product Identifier:	KITCHEN & BATH CABINET
Other Means of Identification:	None
Recommended Use:	This product is manufactured of wood products such as plywood, hardboard or engineered panel that are then coated with decorative foils, sealers, and a final water repellant top finish. No harmful chemical residue is left on the surface of the completed article.
Manufacturer Identifier:	**Zen Living Kitchen and Bath** Bay 1, 4216 – 61 Ave SE, Calgary, AB, T2C 1Z5
Phone:	1 (403)720-1928
Website:	www.zen-living.ca

SECTION 2

HAZARD IDENTIFICATION

Classification: Not classified as hazardous according to Hazardous Products Act (1985).

Label Elements	Signal Word	Hazard Statements	Precautionary Statements
NOT APPLICABLE			

Potential health hazards that are not otherwise classified

Hazard: Wood dust

Exposure:
Eye Contact
Skin Contact
Inhalation

Potential Health Effects:

Eye contact with wood dust may cause irritation.

Skin contact with wood dust may cause skin irritation. Prolonged or repeated contact with dust may develop dermatitis.

Inhalation wood dust produced by cutting or drilling may cause irritation of nose, throat, and respiratory tract. Prolonged exposure to wood dust may cause nasal cancer.

SECTION 3

COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

Ingredients (Chemical Names)	CAS Number	Wt %
Wood (Soft Wood)	Wood (Soft Wood)	>77%
Urea Formaldehyde (UF) resin Melamine Urea Formaldehyde (MUF) resin	9011-05-6	<20%
Ammonium Chloride	12125-02-9	<1%
Parafin Wax	8002-74-2	<2%

Note:
The ingredients are bonded together under heat and pressure. The process cures the resin but small amount of formaldehyde from resin may be released from the finished product. The finished product contains less than 1.5 mg/L of formaldehyde emission when tested by JIS A 1460 (Desiccator method).

SECTION 4

FIRST AID MEASURES

Eye contact:

- Immediately flush eyes with plenty of water for at least 15 minutes.
- Occasionally lift the upper and lower eyelids.
- Check for and remove any contact lenses.
- Get medical attention if the irritation or symptoms persist.

Skin contact:

- Wash with mild soap and water.
- Get medical attention if the irritation develops or persists.

Inhalation:

- Move the exposed person to the fresh air. Keep person warm and at rest.
- If not breathing, if breathing is irregular or if respiratory arrest occurs, provide CPR or oxygen by trained personnel.
- If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
- Get medical attention if symptoms persist.

Ingestion:

- Ingestion of this product is unlikely, but if swallowed, do not induce vomiting. Call a physician or Poison Control Centre immediately.
- Never give anything by mouth to an unconscious person.
- Get medical attention if symptoms occur.

Note to doctor:

- Treat symptomatically.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing media:

SUITABLE	NOT SUITABLE
Water, Carbon Dioxide (CO2), powder, foam.	None known.

Hazards from combustion products:

Burning or smouldering boards or dust can generate carbon dioxide, carbon monoxide, oxides of nitrogen, hydrogen cyanide and other pyrolysis products which are irritating to respiratory tract.

Protective precautions for fire fighters:

Fire fighters exposed to combustion products are advised to wear self-contained breathing apparatus, full fire fighting protective gear, and use respiratory protection.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Personal precaution:

Avoid breathing dust or particulates. Avoid dust and particulates to contact with eyes and skin.

Protective precautions for fire fighters:

Not applicable due to the form of the product.

SECTION 7

HANDLING AND STORAGE

Handling:

- Avoid contact with eyes, skin, and clothing.
- Avoid breathing dust generated from this product.
- Use in well-ventilated area or where dust collection system available.

Inhalation:

- Keep away from heat, sparks, and any other sources of ignition.
- Do not cut or sand doors without adequate dust collection or in unventilated areas.
- Stored in cool, dry and ventilated area.
- Appropriate extinguishing equipment must be available in the storage area.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits:

Ingredients	Guideline OSHA	Guideline NIOSH	Guideline ACGIH	Ontario Canada
Wood Dust	PEL-TWA: 5mg/m3 Respirable fraction ® PEL-TWA: 15mg/ m3 total dust as Particulates Not Otherwise Classified	REL-TWA: 1 mg/m3 Wood Dust NO5	TLV-TWA: 1 mg/m3 Wood Dust – All species excluding Western red cedar	Not established
Formaldehyde	PEL-TWA: 0.75 ppm PEL-STEL: 2ppm	REL-TWA: 0.016 ppm Wood Dusts NOS	TLV-Ceiling/Peak: 0.3 ppm	TWAEV-CEV: 0.3 ppm

Engineering Controls:

- Use local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits.
- Dust collecting system must be used in transferring operations, cutting or machining or other dust generating processes, such as using power tools.
- Vacuuming or wet clean-up methods should be used.

Individual Protection Measures:

Respiratory Protection:
When workers facing airborne particulate/dust concentration above the exposure limit, they must wear NIOSH-approved disposable N95 type dust respirator or better.

Eye/Face protection:
Safety glasses with side-shields.
Skin Protection:
Protective gloves
Long sleeved shirt and long pants.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid	**Special Gravity**	0.4 – 0.8
Colour	Wood color	**Solubility**	Insoluble in water
Odour	Wood odour	**Flammability Limits**	Not applicable
Flash Point	None	**Auto-Ignition Temp**	>220°C
Boiling Point	No data	**Viscosity**	Not applicable
Melting Point	No data		

SECTION 10

STABILITY AND REACTIVITY

Chemical Stability: Stable under normal condition.

Possibility of Hazardous Reaction: None.

Condition to Avoid: High relative humidity and high temperature increase the rate of emission of formaldehyde from products. Avoid exposure to water and ignition sources.

Incompatible Materials: Strong oxidizing agents and strong acid.

Hazardous decomposition Products: Thermal and/or thermal-oxidative decomposition can produce irritating and toxic fumes and gasses, including carbon monoxide, aldehyde, and organic acids.

SECTION 11

TOXICOLOGICAL INFORMATION

WOOD DUST

Acute Toxicity:

Wood dust from cutting, sanding, and drilling may cause eye irritation.
Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures to wood dust may cause difficulty breathing, congestion, and chest tightness.

Skin Irritation:

Not applicable.

Eye Irritation:

Wood dust may cause temporary irritation of eyes.

Respiratory or Skin Sensitization:

Wood dust may cause temporary irritation of eyes and respiratory system.

Germ cell mutagenicity:

Not applicable.

Carcinogens:

	ACGIH	NIOSH	OSHA	IARC	NTP
Wood Dust	**A1:** Beech & Oak. **A2:** Birch, Mahogany, Teak, Walnut.	Listed	Not listed	**Group 1:** Carcinogenic to humans.	K – Known to be a human carcinogen.

Reproductive toxicity:

Not applicable.

Aspiration hazard:

Not applicable.

STOT – single or repeated exposure:

Not applicable.

FORMALDEHYDE

Low concentration of formaldehyde liquid is used in resin and this product contains less than 1.5mg/L formaldehyde emission. Formaldehyde exposure may cause respiratory or skin sensitization.

Acute Toxicity:

Formaldehyde is a poison by ingestion, and an experimental poison by skin contact, inhalation, intravenous, intraperitoneal, and subcutaneous routes.
Formaldehyde is dangerous in case of skin contact (irritant, permeator) or eye contact (irritant).

Skin Irritation:

See **Acute Toxicity**

Eye Irritation:

See **Acute Toxicity.**

Respiratory or Skin Sensitization:

See **Acute Toxicity.**

Carcinogens:

	ACGIH	NIOSH	OSHA	IARC	NTP
Formaldehyde	**A2:** Suspected human carcinogen	Carcinogen	Designated carcinogen	**Group 1:** Carcinogenic to humans.	**RAC:** Reasonably anticipated to be human carcinogen.

Reproductive toxicity:

Not applicable.

Aspiration hazard:

Not applicable.

STOT – single or repeated exposure:

Not applicable.

SECTION 12

ECOLOGICAL INFORMATION

Ecological Toxicity: Not determine when this product is used for its designated purpose.

Persistent and Degradability: Not determined.

Bioaccumulative Potential: Not determined.

Mobility in soil: Not determined.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste disposal method:

Dispose of in accordance with Local. State, Federal, and Provincial Regulations.
No EPA Waste Numbers are applicable for this product's components.

SECTION 14

TRANSPORT INFORMATION

This product is not regulated as hazardous material for transportation.

UN Number: None

UN Proper Shipping Name: None

Transport hazard class(es): None

Packing Group: None

Classification of Marine Pollutants by MARPOL 73/78, Annex 2: None

SECTION 15

REGULATORY INFORMATION

	CANADA (DSL)	US (TSCA)
Wood Dust	Not listed.	
Formaldehyde	Listed.	

SECTION 16

OTHER INFORMATION

NFPA Rating:

Health Hazard – 1*
Fire Hazard – 0
Reactivity – 0
Personal Protection – X

SDS prepared by: Health & Safety Department

SDS creation date: July 28, 2023.

SDS revision date: -

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Finale determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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