Wood fiber board

1. Product Information

Brand name: ISOLint, ISOLtop Natural

Produt code: (ISOLint) 974,
(ISOLtop Natural) 925, 925HD, 955, 955HD, 975, 975HD, 927BC, 927BC-HD, 927EC, 927EC-HD, 927VC, 927VC-HD, 928BC, 928BC-HD, 929BC, 929BC-HD.

Product type: Wood fiber board

Product uses: See installation guide

Manufacturer: **MSL**
161, St-Paul street, Louiseville
Québec, Canada J5V2L6

Emergency phone number: CANUTEC (613) 996-6666

Manufacturer phone number: (800) 561-4279

2. Hazard Identification

Warning:
This product is not expected to produce any unusual hazards during normal use. Exposure to high dust levels may cause skin, eyes, throat or upper respiratory tract irritations.

Potential Health Effects (see section 11 for more information)

Acute:

Inhalation: Exposure to dust produced during handling or cutting the product may cause eye, skin, nose, throat and upper respiratory tract irritation. Extreme exposure to large amounts of dust may cause labored breathing and sneezing. If there is too much dust in the air, leave the area. If respiratory symptoms persist, consult a physician

Eyes: Dust may cause mechanical irritation. If burning, redness, itching or other symptoms persist, consult a physician.

Skin: Direct contact with skin may cause temporary irritation. Rubbing of this product on skin may cause mechanical abrasion. If symptoms persist, consult a physician.

Ingestion This product is not intended to be eaten. Unlikely to occur, but may cause an irritation of the gastrointestinal tract, throat and stomach.

Chronic:

Inhalation: Panel or boards do not release dust when installed, thus, they do not represent any known hazard in that state.

Eyes: None known

Skin: Wood dust depending on tree essence may cause irritation or dermatitis. This is a remote possibility because wood fiber manufacturing process removes most of the compounds responsible for skin irritation.

Ingestion: None known

Target organs: Eyes, skin and respiratory system.

Primary entry routes: Inhalation, eyes and skin contact.

Carcinogenicity, teratogenicity, embryotoxicity, mutagenicity: This product has no carcinogenic, teratogenic, mutagenic, or embryotoxic known effects.

Component	IARC	NTP	ACGIH	CAL-65
Wood Fiber	Not Listed	Not Listed	Not Listed	Not Listed
Starch	Not Listed	Not Listed	Not Listed	Not Listed
Wax	Not Listed	Not Listed	Not Listed	Not Listed
Wood Dust from sawing	Carcinogenic to Human	Not Listed	Carcinogenic to Human	State to Cause Cancer

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Weight %
Wood fiber	Mixture	Mixture	>93
Starch	9005-25-8	232-679-6	<5
Wax	Mixture	Mixture	<2

The components declared herein are not considered hazardous components as per WHMIS, OSHA and 29 CFR 1910.1200 legislations. As per OSHA and WHMIS the above product is considered a consumable item and do not require a SDS or MSDS.

4. FIRST AID MEASURES

Inhalation: In case of inhalation of gas, smoke or vapor (fire), remove person to fresh air. If breathing is difficult or ceases, administer oxygen. If symptoms persist, consult a physician.

Skin contact: Wash skin with soap and water. If irritation persists, consult a physician.

Eye contact: Flush eyes with water for 15 to 20 minutes. If irritation persists, consult a physician.

Ingestion: This product is not intended to be eaten. Ingestion is unlikely to occur. If ingestion occurs, consult a physician.

Medical conditions which may be aggravated by smoke (fire):
Pre-existing respiratory and lung diseases such as bronchitis, emphysema or asthma. Pre-existing skin conditions such as rashes and dermatitis.

Notes to the physician:
This product is a mechanical irritant, acute exposure is not expected to produce any chronic health effect. Treatment should be aimed at alleviating symptoms.

5. FIRE FIGHTING MEASURES

Flash Point: 200°C (wood dust)

Auto-Inflammation Temperature: >300°C

Flammable Limits in air : Upper Flammable Limit (UFL): No object
Lower Flammable Limit (LFL): No object

Flammability Classification: B2 (DIN 4102)

Rate of Burning: Not Determined

Specific Dangers: When in contact with an ignition source, wood dust can be an explosion hazard.

Combustion products: Fire gives off normal combustion products.

Fire Fighting Agents: Use dry powder, foam and water spray or appropriate extinguishing media for surrounding materials on fire.

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing (see section 8).

6. ACCIDENTAL RELEASE MEASURES

Containment: No special measure.

Clean-up: No special measure.

Disposal: The finished product is a wood-based solid. Follow all local, municipal, provincial, state and federal regulations. To remove, use standard means approved for disposal. Dispose in a landfill or use any other method prescribed by regulation.

7. HANDLING AND STORAGE

Handling: Dust can form an explosive mixture in air. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Use personal protective equipment as required (see section 8). Avoid frequent or prolonged inhalation of wood dust. Wear the appropriate respiratory protection against dust in poorly ventilated areas and if TLV is exceeded (see Sections 2 and 8). Use good safety and industrial hygiene practices. Avoid contact with humidity and water. Presence of water may lead to mold growth.

Storage: Store flat, in a dry, well ventilated place and away from sources of excessive heat. Product should be protected from the weather and direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Weight %	TLV (mg/m³)	PEL (mg/m³)
Wood fiber	>93	Not established	Not established
Starch	<5	10	Total: 15 Respirable: 5
Wax (fumes)	---	2	2
Wood dust from sawing	---	0.5	Total: 5 Respirable: 5

ENGINEERING CONTROLS: Provide sufficient ventilation, i.e., enough to control airborne dust levels. Use ventilation to keep dust concentrations below permissible exposure limits. If cutting or trimming with power tools, dust collectors and local ventilation should be used. Avoid unnecessary exposure to dust and handle with care. Keep work area clean of dust by using an industrial vacuum cleaner with high efficiency filter or wetting down area with water. Never use compressed air and avoid dry sweeping.

If engineering controls are not possible, use safety glasses, gloves and dust respirator mask. Wear a NIOSH/MSHA approved respirator with cartridges in poorly ventilated areas or if TLV is exceeded.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance at 25°C: Solid
Density: Not measured
Boiling Point: No object
Vapor Density: No object
VOC: None

Odor: Neutral
Melting Point: No object
Evaporation Rate: No object
Relative Density (water = 1): < 1
Decomposition Temperature: Not measured

pH: No object
Freezing Point: No object
Vapor Tension: No object
Solubility: Insoluble in water

10. STABILITY AND REACTIVITY

Stability: Stable.

Condition to avoid: Contact with moisture and humidity may alter the product and even cause some mold development.

Incompatibility: None known

Hazardous Polymerization: Will not occur

Hazardous Decomposition: The decomposition products are those expected from wood. These decomposition products may include carbon oxides ad carbon particles. Thermal-oxidative degradation of wood produces irritating fumes and gases.

11. TOXICOLOGICAL INFORMATION

Acute Effects: None are known for the product. However, direct contact with any dust, including wood dust, can mildly irritate mucous membranes of your nose and eyes. None are known for the product.

Chronic Effects/Carcinogenicity: None are known for the product. However, repeated contact with wood dust can cause skin irritation, dermatitis or respiratory sensitization or irritation, because of the quinolic content of some wood essence.

12. ECOLOGICAL INFORMATION

Environmental Toxicity: This product has no known adverse effect on ecology

Ecotoxicity Value: Not determined

13. DISPOSAL CONSIDERATIONS

Disposal: The finished product is a wood-based solid. It may be recycled in local facilities. If unable to recycle dispose of the material in accordance with all local, municipal, provincial, state and federal regulations. Use standard means approved for disposal. Dispose in a landfill or use any other method prescribed by regulation.

14. TRANSPORT INFORMATION

U.S. DOT INFORMATION: Not a hazardous material per DOT shipping requirements. Not classified or regulated.
Shipping Name: Same as product name.
Hazard Class: Not classified.
UN/NA #: None / Not classified.
Packing Group: None.
Label (s) Required: Not applicable.
GGVSeb/MDG-Code: Not classified.
ICAO/IATA-DGR: Not applicable.
RID/ADR: None.
ADNR: None.
Canadian Transportation of Dangerous Goods (TDG): Not a dangerous good.

15. REGULATORY INFORMATION

Canada: WHMIS Classification: Not a controlled product
All the ingredients are part f the Domestic Substance List (DSL)

United State: All the ingredients contained in the product are included in U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory.

This product does not contain hazardous component as per WHMIS, OSHA, 29 CFR 1910.1200, SARA 302, 304 and 313, CERCLA CAA section 112 or RCRA hazardous legislations.

As per OSHA and WHMIS the above product is considered a consumable item and do not require a SDS or MSDS. However we want to disclose as much as possible information relating to health and safety, to ensure that the product is handled and used properly. This SDS contains valuable information for safe handling and proper use of the product. This SDS should be retained and available for employees and other users.

European Union: Dangerous Substances Directive 67/548/EEC
R- Phrase(s): R 37/38 (2001/59/EC)
S- Phrase(s): None Known (2006/102/EC)
P261 – Avoid breathing dust/fume/vapors
P271 – Use only outdoors or in a well ventilated area.
P281 – Use personal protective equipment as required (see Section 8)

16. OTHER INFORMATION

Caution!
Dust can cause eyes, skin and respiratory tract irritations. Cut and trim with a knife or hand saw to minimize dust levels. Wear eye, skin and respiratory protection as necessary per working conditions (see section 8). If eye contact occurs flush with water for 15 to 20 minutes. Do not ingest. If ingested, call a physician. KEEP OUT OF REACH OF CHILDREN.

NFPA Ratings:
Health 1; Fire 0; Reactivity 0;
Personal protection E (Safety glasses, gloves and dust respirator mask).

HMIS Ratings:
Health 1; Fire 0; Reactivity 0;
Personal protection E (Safety glasses, gloves and dust respirator mask)

NFPA and HMIS hazard category:
0= minimal
1= Slight
2 = Moderate
3 = Serious
4= Severe

Revision date	November-2019
Prepared by	S. Beaulieu
Phone number:	800-561-4279

This Safety Data Sheet is provided as customer service information. The recommendations and data presented are believed to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this information.

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