

SAFETY DATA SHEET

HPL MATERIAL SAFETY DATASHEET (MSDS)

Date: 10/3/20

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**TRADE NAME:** High Pressure Laminate (HPL)
(All Grades and Thicknesses)**COMPANY NAME OF MANUFACTURER:** POLILAM CO.,LTD.**ADDRESS OF MANUFACTURER:** 4845 Homestead Rd
Suite 516 Houston, Texas 77028**INFORMATION PHONE:** +1 713 775 1913**SYNONYMS:** High Pressure Decorative Laminate (HPDL)
(All Grades and Thicknesses including High Pressure Backers)**MATERIAL USES:** Decorative Laminate**IN CASE OF EMERGENCY CONTACT****CONTACT:** +1 713 775 1913**SECTION 2: HAZARDS IDENTIFICATION****ROUTE OF ENTRY:** None for product as sold. For dust or chips generated during fabrication operations: eye contact, skin contact, and inhalation.**TARGET ORGANS:** None.**INHALATION:** No hazard for product as sold. Fabrication operations such as milling, cutting, etc., may produce dust or fines that may be irritating or harmful if inhaled.**SKIN CONTACT:** Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, etc., may produce dust or fines that may be irritating.**EYE CONTACT:** No hazards for product as sold. Fabrication operations such as milling, cutting, etc., may produce dust or fines that may be irritating.**INGESTION:** Not an expected route of entry with normal use of product.**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

Name	CAS#	% by Weight
Decorative Paper	N/A	7 – 15
100%recycled Kraft Paper(Cellulose)Fibers	N/A	42 – 65
Formaldehyde Resins	N/A	10 – 51

SECTION 4: FIRST AID MEASURE**INHALATION:** No hazards for product as sold. Fabrication operations such as milling, cutting, etc., may produce dust or fines that may be irritating to the respiratory tract. If irritation persists, seek medical attention.**SKIN CONTACT:** Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, etc., may produce dust or fines that may be irritating. May aggravate existing skin conditions. Wash with soap and water. If irritation persists, seek medical attention.**EYE CONTACT:** No hazards for product as sold. Fabrication operations such as milling, cutting, etc., may produce dust or fines that may be irritating to the eyes. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention.**INGESTION:** Not an expected route of entry with normal use of product.**GENERAL:** First aid is not expected when using the product as sold. However, dust, chips, or fines produced during fabrication operations may irritate the eyes, skin, and respiratory tract. Note to physician. Treat symptomatically.**SECTION 5: FIRE FIGHTING MEASURES****FLASH POINT:** Not Applicable**FLASH POINT METHOD:** Not Applicable**BURNING RATE:** Not Applicable**AUTOIGNITION TEMPERATURE:** Not ApplicableUse extinguishing media appropriate for surrounding fire. Use self-contained breathing apparatus and protective clothing appropriate for the surrounding fire. Combustion products are carbon oxides (CO, CO₂).**UNUSUAL FIRE & EXPLOSION HAZARDS**

Product as sold does not present an explosion hazard. Finely divided dust generated by fabrication operations such as milling, cutting, grinding, etc., can create an explosion hazard if the airborne dust concentration exceeds 900 grams per cubic meter and it contacts an ignitions source greater than 8 joules (A person standing in a uniformly dispersed dust cloud of 50 grams per cubic meter will not be able to see his/her outstretched hand).

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SECTION 6: FIRE FIGHTING MEASURES

Small spill or leak - Not applicable.
Large spill or leak - Not applicable.

SECTION 7: HANDLING AND STORAGE

HANDLING PRECAUTIONS: No specific usage precautions required. Follow normal good hygiene practices. Protect exposed areas from cuts and abrasions

STORAGE REQUIREMENTS: No special storage precautions required.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guideline if fabrication operations generate dust or fumes.

PROTECTIVE EQUIPMENT: Respirators - No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

Protective gloves - Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Eye protection - Wear safety goggles during fabrication operations that produce chips, fines or dust.

EXPOSURE GUIDELINES/OTHER

PRODUCT NAME: Wood Fiber

EXPOSURE LIMITS**WOOD DUST*:**

OSHA PEL: 5 mg/m³ respirable; 15 mg/m³ Total;
ACGIH: Certain Hardwood dust TWA 1 mg/m³; Softwood dust TWA; 5 mg/m³ STEL 10mg/m³

***This product is manufactured from wood. Fabrication of this product may produce wood dust.**

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid material; HPL on HDF

COLOUR: Various colours/ patterns; otherwise not applicable

ODOUR: Not applicable

SOLUBILITY DESCRIPTION: Insoluble in water and oil

DENSITY: Approx. 965 kg/m³

PH-VALUE: Not applicable

SOLUTION: Not available

SECTION 10: STABILITY AND REACTIVITY

Laminate is considered stable and not reactive. It will not undergo any hazardous polymerisation.

SECTION 11: TOXICOLOGICAL INFORMATION

Laminate is considered not dangerous for humans.

SECTION 12: ECOLOGICAL INFORMATION

Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

Not classified as a hazardous waste. Follow Federal, state, and local regulations for disposal of this product.

SECTION 14: TRANSPORT INFORMATION

ROAD TRANSPORT: ADR Not regulated

RAILWAY TRANSPORT: RID Not regulated

OCEAN TRANSPORT: IMDG Not regulated

AIR TRANSPORT: IATA Not regulated

SECTION 15: OTHER REGULATORY INFORMATION

Not regulated

SECTION 16: OTHER INFORMATION

INFORMATION SOURCES: Technical Datasheet (TDS)

DEFINITIONS

HPL: High Pressure Laminate

HDF: High Density Fibreboard

MSDS: Material Safety Datasheet

CAS: Chemical Abstract Services

ADR: Agreement on Dangerous Goods by Road

RID: Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG: International Maritime Dangerous Goods

IATA: International Air Travel Association