

HPD UNIQUE IDENTIFIER: 23038

CLASSIFICATION: 06 06 00 Schedules for Wood, Plastics, and Composites

PRODUCT DESCRIPTION: Lamitech Compact is a High Pressure Decorative Laminate (HPL) made from kraft and decorative papers impregnated with thermoset resins, consolidated into a laminate by submitting it to high pressure and temperature. Uses of Lamitech Compact include construction forms, structural materials, office divisions, sanitary work, surfaces, countertops, car interior coverings, architectonic furniture, machinery parts, among others.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	<i>% weight and role provided for all substances.</i>
	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	
Threshold Disclosed Per	<input type="radio"/> Other	Explanation(s) provided for Residuals/Impurities?	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material		<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input checked="" type="radio"/> Product			Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
HIGH PRESSURE LAMINATE [KRAFT PAPER NoGS PHENOL FORMALDEHYDE LT-P1 | RES CELLULOSE PULP NoGS MELAMINE FORMALDEHYDE LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All substances above the threshold Indicated are identified, screened and characterized.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: GreenGuard - Gold (previously Children & Schools)
Formaldehyde emissions: GreenGuard - Gold (previously Children & Schools)
Sustainable forestry: FSC Certification - Chain of Custody (COC)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1 and Option 2

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-11-30

PUBLISHED DATE: 2020-11-30
EXPIRY DATE: 2023-11-30

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- *Basic Inventory method with Product-level threshold.*
- *Nested Material Inventory method with Product-level threshold*
- *Nested Material Inventory method with individual Material-level thresholds*

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

HIGH PRESSURE LAMINATE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals that contaminate the final product are considered as unavoidable impurities generated in the fabrication process. Every product is screened through our quality standards and impurities might pass the screening, not affecting the final product in its performance nor its hazard level. The most common impurities are traces of resin or paper that affect the product aesthetically and if detected they are retain in our factory. The contaminated products that leave the factory generally has impurity of less than 100 ppm in material by weight.

OTHER PRODUCT NOTES: Other residue may appear under VOCs which are tested by UL under UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings.

KRAFT PAPER

ID: 65996-61-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-11-30**%: **50.0000 - 80.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Used as structural component for Compact

PHENOL FORMALDEHYDE

ID: 9003-35-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-11-30**%: **15.0000 - 35.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Used as a binder for the kraft paper.

CELLULOSE PULP

ID: 65996-61-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-11-30**%: **5.0000 - 10.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Used as a structure component and as a decorative layer.

MELAMINE FORMALDEHYDE

ID: 9003-08-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-11-30**%: **0.0100 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Used as a binder for the decorative layer.

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	GreenGuard - Gold (previously Children & Schools)		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2018-08-31	EXPIRY DATE: 2021-07-23	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Cartagena, Colombia			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: TVOC and individual VOCs tested according to UL 2818 - 2013 Gold standard for emissions for Building Materials, Finishes and Furnishings.			
FORMALDEHYDE EMISSIONS	GreenGuard - Gold (previously Children & Schools)		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2018-08-31	EXPIRY DATE: 2021-07-23	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Cartagena, Colombia			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Formaldehyde emission tested under UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings			
SUSTAINABLE FORESTRY	FSC Certification - Chain of Custody (COC)		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-07-08	EXPIRY DATE: 2023-04-28	CERTIFIER OR LAB: SGS Société Générale de Surveillance SA
APPLICABLE FACILITIES: Cartagena, Colombia			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Certificate SGSCH-COC-009857 / SGSCH-CW-009857			

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

METAL OR ALUMINIUM SUBSTRUCTURE FOR FIXATION	HPD URL: No HPD Available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:	
N/A	

Section 5: General Notes

Other CSI Classifications of the product: 06 41 16 Plastic-Laminate-Clad Architectural Cabinets 06 42 19 Plastic-Laminate-Faced Wood Paneling 08 14 23.16 Plastic-Laminate-Faced Wood Doors 08 15 13 Laminated Plastic Doors 10 21 13.16 Plastic-Laminate-Clad Toilet Compartments 11 26 19 Plastic-Laminate-Clad Unit Kitchens 12 32 16 Manufactured Plastic-Laminate-Clad Casework 12 35 53.16 Plastic-Laminate-Clad Laboratory Casework 12 36 23.13 Plastic-Laminate-Clad Countertops 12 51 16.19 Plastic-Laminate-Clad Case Goods

MANUFACTURER INFORMATION

MANUFACTURER: Lamitech
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 Cartagena Bolívar 130013, Colombia
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CONTACT NAME: Héctor Molina
TITLE: Director of Technology
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The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.