

CLASSIFICATION: 06 00 00 - Wood, Plastics, and Composites

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Lamitech Fire Rated Lam is a High Pressure Decorative Laminate (HPL) made from kraft and decorative papers impregnated with special thermoset resins, consolidated into a laminate by submitting it to high pressure and temperature. Its recommended for interior standard horizontal and vertical (not post forming) applications where fire codes specify or the environment suggests decorative surfaces that must resist combustion and inhibit smoke production.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?
 Yes No

Are All Substances Above the Threshold Indicated:

Characterized Percent Weight and Role Provided? Yes No

Screened Using Priority Hazard Lists with Results Disclosed? Yes No

Identified Name and Identifier Provided? Yes No

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.

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:

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

FIRE RATED LAM [CELLULOSE PULP (CELLULOSE PULP) NoGS PHENOL FORMALDEHYDE (PHENOL FORMALDEHYDE) LT-P1 | RES MELAMINE FORMALDEHYDE (MELAMINE FORMALDEHYDE) LT-UNK ASHES (FILLER), PAPER NoGS UNDISCLOSED LT-UNK]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

Sustainable forestry: FSC Certification - Chain of Custody (COC)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-10-20
PUBLISHED DATE: 2017-10-20
EXPIRY DATE: 2020-10-20

Section 2: Content in Descending Order of Quantity

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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

FIRE RATED LAM

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 have impurities of less than 100 ppm in material by weight.

OTHER PRODUCT NOTES:

CELLULOSE PULP (CELLULOSE PULP)

ID: 65996-61-4

#: 55.0000 - 70.0000 GS: NoGS RC: None NANO: No ROLE: Structural Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

PHENOL FORMALDEHYDE (PHENOL FORMALDEHYDE)

ID: 9003-35-4

#: 10.0000 - 25.0000 GS: LT-P1 RC: None NANO: No ROLE: Resin Matrix

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagens (Rs) - sensitizer-induced

SUBSTANCE NOTES:

MELAMINE FORMALDEHYDE (MELAMINE FORMALDEHYDE)

ID: 9003-08-1

#: 5.0000 - 25.0000 GS: LT-UNK RC: None NANO: No ROLE: Resin Matrix

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ASHES (FILLER), PAPER

ID: **Unknown**

#: **1.0000 - 10.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Paper Filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The substance chemical composition is not disclosed by our paper suppliers

UNDISCLOSED

#: **1.0000 - 4.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Fire resistant additive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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.

SUSTAINABLE FORESTRY

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party**
APPLICABLE FACILITIES: **All**
CERTIFICATE URL:
<http://lamitech.co/site/images/documentacion/certificaciones/CERTIFICADOFORREST-STEWARDSHIP-COUNCIL-LAMITECH.pdf>

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2014-03-25	2018-04-28	SGS

CERTIFICATION AND COMPLIANCE NOTES:

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.

POLYVINYL ACETATE

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

When it comes to industrial applications it's recommended PVA (polyvinyl acetate) adhesives as binders to use on wood base substrates, which are not heat reactive and have high resistance to moisture. For a good adhesion to the substrate, we recommend

applying 80 -140 gr / m2 of PVA adhesive and apply a pressure of 7 to 9 kg / cm2. At the end of the application, if there is residual adhesive on the laminate, wipe the surface with a soft cloth moistened with an organic solvent or a 50:50 mixture of alcohol organic solvent.

Section 5: General Notes

Other CSI Classifications of the product: 06 41 16 Plastic-Laminate-Clad Architectural Cabinets 06 42 19 PlasticLaminateFaced 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 PlasticLaminate-Clad Casework 12 35 53.16 Plastic-Laminate-Clad Laboratory Casework 12 36 23.13 PlasticLaminate-Clad Countertops 12 51 16.19 Plastic-Laminate-Clad Case Goods

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Lamitech**

ADDRESS: **Vía Mamonal Km. 13**

Cartagena Bolivar 130013, Colombia

WEBSITE: <http://lamitech.com.co/>

CONTACT NAME: **Héctor Molina**

TITLE: **Director of Technology**

PHONE: **56723400**

EMAIL: hmolina@lamitech.com.co

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

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

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

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.