

HPD UNIQUE IDENTIFIER: (to be provided)

CLASSIFICATION: 06 00 00 Wood , Plastics, Composites

PRODUCT DESCRIPTION: Carbon Zero HPL Fire rated Laminate 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. It is recommended for interior and standard horizontal and vertical 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
 Other

Residuals/Impurities

- Considered
 Partially Considered
 Not Considered

Explanation(s) provided
for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

All substances disclosed by Name (Specific or Generic) and Identifier.

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**

CARBON ZERO HPL | **PULP, CELLULOSE** **NoGS** | **PHENOL-FORMALDEHYDE RESIN (PRIMARY CASRN IS 9003-35-4)** **LT-P1** | **RES**
MELAMINE/FORMALDEHYDE RESIN (PRIMARY CASRN IS 9003-08-1) **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:

None

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: Intertek ETL Environmental VOC
Other: ASTM E84

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-05-18

PUBLISHED DATE: 2020-05-18

EXPIRY DATE: 2023-05-18



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

CARBON ZERO HPL

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 retained in the factory. The contaminate innate products that leave the factory have impurities of less than 100ppm in material by weight

OTHER PRODUCT NOTES: No other product notes

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-05-18**%: **55.0000 - 70.0000**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: **No Notes****PHENOL-FORMALDEHYDE RESIN (PRIMARY CASRN IS 9003-35-4)**

ID: 2180992-35-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-05-18**%: **10.0000 - 25.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **No notes****MELAMINE/FORMALDEHYDE RESIN (PRIMARY CASRN IS 9003-08-1)**

ID: 2116501-51-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-05-18**%: **5.0000 - 25.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Curing agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **No 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.

VOC EMISSIONS

Intertek ETL Environmental VOC

CERTIFYING PARTY: **Self-declared** ISSUE DATE: **2020-05-18** EXPIRY DATE: **2025-02-01** CERTIFIER OR LAB: **Self Declared**
APPLICABLE FACILITIES: **AAM North Port, Florida**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **TVOC Level Less than 0.3 mg/m3**

OTHER

ASTM E84

CERTIFYING PARTY: **Third Party** ISSUE EXPIRY CERTIFIER OR LAB:
APPLICABLE FACILITIES: **QAI California** DATE: DATE: **QAI**
CERTIFICATE URL: **2019-01-28** **2025-01-01** **Laboratories**
http://www.millworkusa.com/documents/fire_test_certificates/c0_hpl_class_a.pdf
CERTIFICATION AND COMPLIANCE NOTES: **Tested in accordance with ASTM-E84**

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

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 16 Plastic Laminate Faced Wood Doors 08 15 13 Laminated Plastic Doors 10 21 16 Plastic Laminate Clad Toilet Compartments 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: **American Architectural Millwork**
 ADDRESS: **Americian Architectural Millwork LLC**
248 James Street
Venice FL 34285, United States
 WEBSITE: <http://www.millworkusa.com>

CONTACT NAME: **Paul West**
 TITLE: **President**
 PHONE: **844-307-9571**
 EMAIL: pwest@millworkusa.com

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	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-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

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.