

HPD UNIQUE IDENTIFIER: 26284

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

PRODUCT DESCRIPTION: High Pressure decorative Laminates (HPL) is a panel consisting of layers of cellulose fibres (more than 60 % of it consists of paper) impregnated with thermosetting resins and bonded together by a high pressure process. HPL can be more than 2 mm thick (HPL Compact) or less than 2 mm thick (HPL Thin). The panels are available in various sizes, thus optimising them with minimal off-cuts, reducing wastage and costs. They are furthermore available in a wide range of colours and designs, production grades and surface finishes with high and versatile performance across many applications. Application fields: furniture, countertops, worktops, cubicles, lockers, cabinets, benches, partition walls and doors in various environments such as kitchens, offices, hospitals, medical centers, laboratories, swimming pool, gyms, toilets.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold Level, Residuals/Impurities, and Explanation(s) provided for Residuals/Impurities? Each column contains radio button options and descriptive text.

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
PRINT HPL [CELLULOSE PULP (CELLULOSE PULP) NoGS PHENOL
FORMALDEHYDE (PHENOL FORMALDEHYDE) LT-P1 | RES
MELAMINE/FORMALDEHYDE RESIN 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:

The process, defined as the simultaneous application of heat and high specific pressure, provides flowing and subsequent curing of the thermosetting resins to obtain a homogenous non-porous material (> 1,35 g/cm³). The residuals are composed by unreacted monomers, which are less than 50 ppb, as certified by SCS Global Services tests protocol mentioned in this HPD.

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: SCS Indoor Advantage Gold - Classroom & Office scenario

VOC emissions: Eurofins Confirmation LEEDv4 EQ - Low emitting products - DiBt/AgBB/SCAQMD

VOC emissions: French VOC Regulation, class A+

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: 2020-05-07

PUBLISHED DATE: 2021-10-20

EXPIRY DATE: 2023-05-07

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

PRINT HPL

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: On the final product residuals may be present as impurities (traces of resins, dust, paper, ...) due to the manufacturing process.

OTHER PRODUCT NOTES: PRINT HPL is classified as a non hazardous product

CELLULOSE PULP (CELLULOSE PULP)

ID: 65996-61-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-05-07 19:37:53

#: 60.0000 - 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: Kraft paper for the core and decorative paper for the surface.
The percentage depends on product thickness

PHENOL FORMALDEHYDE (PHENOL FORMALDEHYDE)

ID: 9003-35-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-05-07 19:37:53

#: 18.0000 - 25.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES: Used to impregnate core layers.
The percentage depends on product thickness

MELAMINE/FORMALDEHYDE RESIN

ID: 9003-08-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-11 18:39:44

#: 6.0000 - 12.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES: Used to impregnate decorative layer.
The percentage depends on the product composition and thickness.

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	SCS Indoor Advantage Gold - Classroom & Office scenario		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-products-guide?program=156&manuf=42178	ISSUE DATE: 2021-03-21	EXPIRY DATE: 2022-03-20	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the school classroom and private office parameters.* Also conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e.3-2014e (Credits 7.6.1, 7.6.2) open plan and (Credits 7.6.1, 7.6.2, 7.6.3) private office workstation parameters.** Measure Concentration of Total Volatile Organic Compounds (TVOC): 0.5mg/m ³ or less (in compliance with CDPH/EHLB Standard Method v.1.2-2017) *Modeled as Flooring **Modeled as Individual Furniture Components			
VOC EMISSIONS	Eurofins Confirmation LEEDv4 EQ - Low emitting products - DiBt/AgBB/SCAQMD		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2017-07-12	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins Product Testing A/S
CERTIFICATION AND COMPLIANCE NOTES: Product qualifies for LEED v4 specifications on VOC emissions by complying with VOC emissions specifications in LEED EQ credit "Low-emitting products" (the requirements of CDPH-IAQ (California Department of Public Health, Jan 2017); and a TVOC below 0.5 mg/m ³ in both office and class room).			
VOC EMISSIONS	French VOC Regulation, class A+		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2018-06-06	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins Product Testing A/S
CERTIFICATION AND COMPLIANCE NOTES: Regulation of March and April 2011 (DEVL1101903D and DEVL1104875A). It is based on ISO 16000. Class A+ corresponding to the extremely low pollution emission level.			
SUSTAINABLE FORESTRY	FSC Certification - Chain of Custody (COC)		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Abet Laminati S.p.A.; Abet AG; Abet BV; Abet France sarl; Abet GmbH; Abet Laminati SA; Abet Pty Limited; Abet Sp. z.o.o.; OOO Abet; Abet Inc., Abet Corporation CERTIFICATE URL: https://info.fsc.org/details.php?id=a024000000J8JkiAAF&type=certificate	ISSUE DATE: 2019-01-22	EXPIRY DATE: 2024-01-21	CERTIFIER OR LAB: CSI
CERTIFICATION AND COMPLIANCE NOTES: FSC chain of custody certification verifies that FSC-certified material has come from a forest and supply chain that is managed responsibly. Abet Laminati products have gained chain of custody certification, meeting FSC-STD-40-004 Chain of Custody Certification standard.			
SUSTAINABLE FORESTRY	PEFC International Sustainability Benchmark		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://abetlaminati.com/app/uploads/2016/04/Certificato-di-Conformit%C3%A0-PEFC-validit%C3%A0-2024.pdf	ISSUE DATE: 2019-01-22	EXPIRY DATE: 2024-01-21	CERTIFIER OR LAB: CSI
CERTIFICATION AND COMPLIANCE NOTES: The management of chain of custody of the multisite managed by Abet Laminati S.p.A. is in compliance with the standards: - PEFC ITA 1002:2013 (Appendice 2) - PEFC ST 2002:2013 (Appendix 2)			
LCA	Environmental Product Declaration (EPD) by EPDIItaly		

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL: <https://www.epditaly.it/en/epd/print-hpl-high-pressure-laminate-compact/>

ISSUE DATE: 2019-11-08
EXPIRY DATE: 2024-11-08

CERTIFIER OR LAB: EPDItaly

CERTIFICATION AND COMPLIANCE NOTES: Product specific EPD for HPL Compact (thickness > 2 mm) HPL for interior and exterior applications in compliance with ISO 14025 and EN 15804

LCA

Environmental Product Declaration (EPD) by EPDItaly

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL: <https://www.epditaly.it/en/epd/print-hpl-high-pressure-laminate-thin/>

ISSUE DATE: 2019-06-18
EXPIRY DATE: 2024-06-17

CERTIFIER OR LAB: EPDItaly

CERTIFICATION AND COMPLIANCE NOTES: Product specific EPD for HPL Thin (thickness < 2 mm) in compliance with ISO 14025 and EN 15804

+ 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.

No accessories are required for this product.

E Section 5: General Notes

Thanks to its certifications Abet Laminati HPL may contribute to LEED v4.1 credits.

For FSC or PEFC products it is necessary to include the specification in the order.

MANUFACTURER INFORMATION

MANUFACTURER: ABET LAMINATI SPA
ADDRESS: Viale Industria 21
 Bra CN 12042, Italia
WEBSITE: www.abetlaminati.com

CONTACT NAME: Sabrina Accolla
TITLE: Environmental Certifications Team
PHONE: +39 0172419239
EMAIL: sabrina.accolla@abet-laminati.it

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.