

CLASSIFICATION: 06 00 00 00

PRODUCT DESCRIPTION: HIGH PRESSURE DECORATIVE LAMINATES (HPL) WITH VARIOUS APPLICATION FIELDS: EG FURNITURE, COUNTERTOPS, WORKTOPS, WALLS. DECORATIVE LAMINATES CAN BE COMPACT (THICKNESS HIGHER THAN 2 MM) OR THIN (THICKNESS LOWER THAN 2 MM). LAMINATES LESS THAN 2 MM THICK ARE NORMALLY INTENDED FOR BONDING TO SUPPORTING SUBSTRATES TO PRODUCE HPL COMPOSITE PANELS.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

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 Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

Threshold Disclosed Per

- Material
- Product

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 (MELAMINE FORMALDEHYDE) NoGS]

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:

PRINT HPL is a panel consisting of layers of cellulose fibres (more than 60 % of it consist of paper) impregnated with thermosetting resins and bonded together by a high pressure process. The process, defined as the simultaneous application of heat (abt 120° C) and high specific pressure (abt 5 MPa) 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 GreenGuard tests protocol mentioned in this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: UL/GreenGuard Certified

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

VOC emissions: émissions dans l'air intérieur, A+

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

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-07-19

PUBLISHED DATE: 2018-07-24

EXPIRY DATE: 2021-07-19



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.hpdc-collaborative.org/hpd-2-1-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

#: 60.0000 - 80.0000 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: the percentage depends on product thickness

PHENOL FORMALDEHYDE (PHENOL FORMALDEHYDE)

ID: 9003-35-4

#: 18.0000 - 25.0000 GS: LT-P1 RC: None NANO: No ROLE: resin matrix for the core layers

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: the percentage depends on product thickness

MELAMINE FORMALDEHYDE (MELAMINE FORMALDEHYDE)

ID: 94645-56-4

#: 6.0000 - 12.0000 GS: NoGS RC: None NANO: No ROLE: resin matrix for decorative surface layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: 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

UL/GreenGuard Certified

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

<https://spot.ulprospector.com/en/na/BuiltEnvironment/Detail/31651/680824/ABET-High-Pressure-Laminate?st=1&sl=51943688&crit=a2V5d29yZDpbYWJldF0%3d&ss=2&k=abet&t=abet>

ISSUE DATE: EXPIRY DATE: CERTIFIER OR LAB:

2009-05-04 2019-05-04 Greenguard-UL

CERTIFICATION AND COMPLIANCE NOTES: GREENGUARD Certification is part of UL Environment, a business unit of UL (Underwriters Laboratories). It takes into account stringent limits for individual hazardous VOCs, such as formaldehyde, as well as including requirements for total VOC emissions as a precautionary measure. All products are tested in dynamic environmental chambers following appropriate test methods. These methods, in particular, follow guidance of California's Department of Public Health Services (CDPH) Standard Practice for Specification Section 01350 and the ISO 16000 environmental testing series.

VOC EMISSIONS

Eurofins Confirmation LEEDv4 EQ - Low emitting products - wet applied - DiBt/AgBB/SCAQMD

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

ISSUE DATE: **2017-07-25**

EXPIRY DATE:

CERTIFIER OR LAB: **Eurofins Product Testing A/S**

CERTIFICATION AND COMPLIANCE NOTES: Eurofins Product Testing is a member of U.S. Green Building Council (USGBC) to better serve industry clients, both with consulting and with testing for showing such compliance with LEED® specifications. Abet Laminati HPL Compact has been tested in accordance with the relevant ISO 16000 and CDPH testing standards. The product above mentioned, has been chosen as representative of the manufactured product.

VOC EMISSIONS

émissions dans l'air intérieur, A+

CERTIFYING PARTY: **Self-declared**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

<http://fr.abetlaminati.com/app/uploads/2018/06/Attestation-A-per-HPL.pdf>

ISSUE DATE:

2018-06-06

EXPIRY DATE:

CERTIFIER OR LAB: **Eurofins Product Testing A/S**

CERTIFICATION AND COMPLIANCE NOTES: In accordance with requirements of the French legislation (Décret n° 2011-321, published on March 25th, 2011), concerning the labeling of construction products or coverings of walls or floors and paint and varnishes on their emissions of volatiles pollutants. 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: **All**

CERTIFICATE URL: <https://info.fsc.org/details.php?id=a024000000J8JkiAAF&type=certificate>

ISSUE DATE: **2014-01-22**

EXPIRY DATE: **2019-01-21**

CERTIFIER OR LAB: **Bureau Veritas**

CERTIFICATION AND COMPLIANCE NOTES: The Forest Stewardship Council (FSC®) is an independent, non-government, not-for-profit organization established to ensure forests around the world are responsibly managed. 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. FSC forest management standards are developed at an international level, and are then adapted to individual countries' legal, social, and geographical settings, through national standards.

SUSTAINABLE FORESTRY

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2014-06-26**

EXPIRY DATE: **2019-06-25**

CERTIFIER OR LAB: **BMTRADA**

APPLICABLE FACILITIES: **all**

CERTIFICATE URL: <https://info.fsc.org/details.php?id=a024000000MaxmlAAR&type=certificate>

CERTIFICATION AND COMPLIANCE NOTES:

SUSTAINABLE FORESTRY

PEFC International Sustainability Benchmark - ITA 1002:2010 (Italy)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2014-01-22**

EXPIRY DATE: **2019-01-21**

CERTIFIER OR LAB: **Bureau Veritas**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

<http://abetlaminati.com/app/uploads/2016/03/Certificato-di-Conformita-PEFC.pdf>

CERTIFICATION AND COMPLIANCE NOTES: The Programme for the Endorsement of Forest Certification (PEFC™) is an international non-profit, non-governmental organization dedicated to promoting Sustainable Forest Management (SFM) through independent third-party certification. The goal of the programme is to promote good practice in the forest and to ensure the highest ecological, social and ethical standards, working on the entire forest supply chain.

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.

Section 5: General Notes

Abet Laminati HPL is described by the European average EPDs of decorative laminates, produced by ICDLI (International Committee of the Decorative Laminates Industry). ICDLI is the international representation of the European HPL manufacturers and their suppliers. The applicability of these documents are restricted to HPL produced by member companies of the ICDLI. Data has been provided by 12 member HPL producing companies of the ICDLI for the year 2016, which represent more than 60% of the production volume of Decorative High-pressure laminates in Europe.



MANUFACTURER INFORMATION

MANUFACTURER: **ABET LAMINATI SPA**
ADDRESS: **Viale Industria, 21**
Bra CN 12042, Italy
WEBSITE: **http://us.abetlaminati.com/**

CONTACT NAME: **John Kearney**
TITLE: **Abet inc Manager**
PHONE: **800.228.2238**
EMAIL: **jk@abetusa.com**

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.