Laminart High Pressure Decorative Laminate by Wilsonart

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 27951
CLASSIFICATION: 06 00 00 Wood, Plastics, and Composites
PRODUCT DESCRIPTION: High Pressure Decorative Laminates (HPL) are made from paper, thermoset resins, pigments and various fillers which are consolidated under high pressure and heat into a sheet. HPL is suitable for horizontal and vertical applications including but not limited to countertops, table tops, furniture, case goods, wall panels, interior architectural doors and partitions.

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

LAMINART HIGH PRESSURE DECORATIVE LAMINATE [
WOOD/CELLULOSE FIBER (KRAFT/DECORATIVE/OVERLAY) NoGS
MELAMINE RESIN LT-UNK RELEASE AGENT NoGS PHENOLIC RESIN
LT-P1 | RES GRIT BM-2 | RES COLORANT 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:

*Greenguard certificates referenced below, residual emissions < 7 ppb
**Full ingredients disclosure withheld to protect proprietary formulation

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: UL/GreenGuard Gold Certified
Other: NSF / ANSI 35
Recycled content: SCS Recycled Content Certification - Products

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: 2020-11-10
PUBLISHED DATE: 2022-03-31
EXPIRY DATE: 2023-11-10

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

LAMINART HIGH PRESSURE DECORATIVE LAMINATE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: UL-E Greenguard testing is re-certified annually. For current certificate see www.laminart.com

OTHER PRODUCT NOTES: High Pressure Decorative Laminates (HPL) are made from paper, thermoset resins, pigments and various fillers which are consolidated under high pressure and heat into a sheet. The monomers and polymers react under these conditions to polymerize into a thermoset hard resin system. The residuals are a very small fraction of the unreacted monomers and are less than 7.3 parts per billion according to the UL 2818 Greenguard test protocol.

WOOD/CELLULOSE FIBER (KRAFT/DECORATIVE/OVERLAY)

ID: 65996-61-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-11-10 14:29:26**

%: **40.0000 - 80.0000** GS: **NoGS** RC: **PostC** 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: Post-consumer recycled content varies by product type. For detailed information see www.laminart.com

MELAMINE RESIN

ID: 9003-08-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-11-10 14:29:27**

%: **2.3000 - 35.0000** 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: Exposure would occur only during paper treating operations in manufacturing.

RELEASE AGENT

ID: 38815-93-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-31 11:29:47**

%: **0.0200 - 0.0400** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Anti-adhesive agent**

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

SUBSTANCE NOTES: This is used as a release agent in this product.

PHENOLIC RESIN

ID: 9003-35-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-11-10 14:29:26**

%: **0.0000 - 34.0000** 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: Exposure would occur only during paper treating operations in manufacturing.

GRIT

ID: **1344-28-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-31 11:31:54**

%: **0.0000 - 0.7000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Abrasion resistance**

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

SUBSTANCE NOTES: This substance is used to improve abrasion.

COLORANT

ID: **8005-02-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-31 11:33:48**

%: **0.0000 - 0.4700** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dye**

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

SUBSTANCE NOTES: This colorant is used in some HPL products.

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 Gold Certified**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Temple, TX and Fletcher, NC
CERTIFICATE URL: https://www.laminart.com/media/Technical_Resources/en_lam/greenguard_gold_certification_2021.pdf

ISSUE DATE: 2009-10-19
EXPIRY DATE:
CERTIFIER OR LAB: UL E GreenGuard

CERTIFICATION AND COMPLIANCE NOTES: Certification is renewed on an annual basis. The UL-E Greenguard Gold certification program shows compliance in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017. Additional information can be found in Section 5. UL-E Greengold Certificates of Compliance: 4402-420 Lamin-Art High-Pressure Decorative Laminate (Excludes: Veneer-Art

OTHER — **NSF / ANSI 35**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Temple, TX and Fletcher, NC
CERTIFICATE URL: https://www.laminart.com/media/Technical_Resources/en_lam/nsf_certificate.pdf

ISSUE DATE: 2018-04-06
EXPIRY DATE:
CERTIFIER OR LAB: NSF

CERTIFICATION AND COMPLIANCE NOTES: Work contact surfaces acceptable as nonwork surfaces.

RECYCLED CONTENT — **SCS Recycled Content Certification - Products**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Temple, TX and Fletcher, NC
CERTIFICATE URL: https://www.laminart.com/resources?category=Decorative+Laminate&document_type=Certifications&p=1

ISSUE DATE: 2020-08-01
EXPIRY DATE:
CERTIFIER OR LAB: SCS Global Services

CERTIFICATION AND COMPLIANCE NOTES: Recycle content is typically present in Arborite HPL products. The recycle content of the wood/cellulose fiber layers may vary depending on the product type, thickness and other attributes. For certificates covering specific (HGS and VGP) products see: https://www.laminart.com/resources?category=Decorative+Laminate&document_type=Certifications&p=1 and https://www.laminart.com/resources?category=Decorative+Laminate&document_type=Certifications&p=2

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.

WILSONART BRAND ADHESIVES — HPD URL: **https://www.wilsonart.com/adhesives-products**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Adhesives are used to bond HPL to various substrates including particleboard, medium density fiberboard and hardwood faced plywood.

WILSONART DECORATIVE EDGE — HPD URL: **https://www.wilsonart.com/laminate-edge-options**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Eliminate the flat edges and brown seams traditionally associated with laminate surfaces with Wilsonart Decorative Edges. Available in a range of profiles offering modern look found on more expensive natural stone and engineered quartz.

Section 5: General Notes

Laminates are evaluated under the UL 2818 "GREENUARD Certification Program For Chemical Emissions for Building Materials, Finishes and Furnishings". Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2- 2017 in the office environment; while commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and

7.6.3 in a private office environment.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Wilsonart**
ADDRESS: **2501 Wilsonart Drive**
P.O. Box 6110
Temple TX 76503-6110, USA
WEBSITE: **https://www.wilsonart.com**

CONTACT NAME: **Richard Conde**
TITLE: **Technical Services**
PHONE: **800-433-3222**
EMAIL: **smartline@wilsonart.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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
LAN Land toxicity
MAM Mammalian/systemic/organ toxicity
MUL Multiple
NEU Neurotoxicity
NF Not found on Priority Hazard Lists
OZO Ozone depletion
PBT Persistent, bioaccumulative, and toxic
PHY Physical hazard (flammable or reactive)
REP Reproductive
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
UNK Unknown

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
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.)
NoGS No GreenScreen.

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.