

HPD UNIQUE IDENTIFIER: 23111

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

<p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities</p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances disclosed by Name (Specific or Generic) and Identifier.</i></p>
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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
PHENOLIC RESIN LT-P1 | RES MELAMINE 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:
 *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

<p>Third Party Verified?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p>	<p>PREPARER: Self-Prepared</p> <p>VERIFIER:</p> <p>VERIFICATION #:</p>	<p>SCREENING DATE: 2020-11-10</p> <p>PUBLISHED DATE: 2020-12-09</p> <p>EXPIRY DATE: 2023-11-10</p>
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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

#: 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

PHENOLIC RESIN

ID: 9003-35-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-10

#: 15.0000 - 34.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES: Exposure would occur only during paper treating operations in manufacturing.

MELAMINE RESIN

ID: 9003-08-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-10

#: 2.3000 - 15.0000 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.

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	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB: UL E
APPLICABLE FACILITIES: Temple, TX and Fletcher, NC	2009-10-		GreenGuard
CERTIFICATE URL: https://www.laminart.com/media/Technical_Resources/en_lam/greenguard_gold_certification_2021.pdf	19		
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	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB: NSF
APPLICABLE FACILITIES: Temple, TX and Fletcher, NC	2018-04-06		
CERTIFICATE URL: https://www.laminart.com/media/Technical_Resources/en_lam/nsf_certificate.pdf			
CERTIFICATION AND COMPLIANCE NOTES: Work contact surfaces acceptable as nonwork surfaces.			
RECYCLED CONTENT	SCS Recycled Content Certification - Products		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-08-01	EXPIRY DATE:	CERTIFIER OR LAB: SCS
APPLICABLE FACILITIES: Temple, TX and Fletcher, NC			Global Services
CERTIFICATE URL: https://www.laminart.com/resources?category=Decorative+Laminate&document_type=Certifications&p=1			
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 "GREENGUARD 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.

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	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.