

HPD UNIQUE IDENTIFIER: 21813

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

HIGH PRESSURE 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: SCS Indoor Advantage Gold

VOC emissions: UL/GreenGuard Gold Certified

Other: NSF / ANSI 35

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: 2020-08-04

PUBLISHED DATE: 2020-09-23

EXPIRY DATE: 2023-08-04



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

HIGH PRESSURE LAMINATE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: UL-E Greenguard testing is recertified annually. For current certificate see www.wilsonart.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.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-04**%: **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.wilsonart.com****PHENOLIC RESIN**

ID: 9003-35-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-04**%: **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: **2020-08-04**%: **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

SCS Indoor Advantage Gold

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2019-** EXPIRY DATE: CERTIFIER OR LAB: **SCS Global Services**
APPLICABLE FACILITIES: **Temple, TX and Fletcher, NC** **10-01**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **Series: 107, 335, 350, 376 SCS-EC10.3-2014 v4.0**

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2004-** EXPIRY DATE: CERTIFIER OR LAB: **UL E GreenGuard**
APPLICABLE FACILITIES: **Temple, TX and Fletcher, NC** **07-21**
CERTIFICATE URL:
https://www.wilsonart.com/resources?category=Laminate&document_type=Sustainability
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: 1110-420 - Wilsonart Laminate, 1106-420 - Wilsonart High-Wear Laminate, 1830-420 - Wilsonart x You, 62094-420 Virtual Design Library**

OTHER

NSF / ANSI 35

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2012-** EXPIRY DATE: CERTIFIER OR LAB: **NSF**
APPLICABLE FACILITIES: **Temple, TX and Fletcher, NC** **08-07**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **Types: 174, 107, 117, 372, 374, 377, 350, 376, 362, 364, 367, 335, 336. Work contact surfaces acceptable as nonwork surfaces.**

SUSTAINABLE FORESTRY

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2019-** EXPIRY DATE: CERTIFIER OR LAB: **SCS Global Services**
APPLICABLE FACILITIES: **Temple, TX and Fletcher, NC** **06-24**
CERTIFICATE URL:
https://www.wilsonart.com/resources?category=Laminate&document_type=Sustainability
CERTIFICATION AND COMPLIANCE NOTES: **The Forest Stewardship Council (FSC) is an independent, non-government, not-forprofit organization established to promote responsible forest management practices. FSC forest management certification is awarded to forest managers who adopt practices that provide environmental, social and economic benefits. FSC Mixed Certificate for Laminate: SCS-COC-002415 FSC Mix Credit**

RECYCLED CONTENT

SCS Recycled Content Certification - Products

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE:

CERTIFIER OR LAB: **SCS Global**

APPLICABLE FACILITIES: **Temple, TX and Fletcher, NC**

01-01

Services

CERTIFICATE URL:

https://www.wilsonart.com/resources?category=Laminate&document_type=Sustainability

CERTIFICATION AND COMPLIANCE NOTES: Recycle content is typically present in Wilsonart 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 products see: https://www.wilsonart.com/resources?category=Laminate&document_type=Sustainability

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

SCS Global Services does hereby certify that an independent audit has been completed and conformity to the applicable standard(s) has been confirmed for:

Wilsonart LLC

2501 Wilsonart Drive, Temple, TX 76504, United States

Additional certified locations shall be listed in an addendum to this certificate.

This multi-site certificate covers the production of high-pressure laminates and backers using the credit system, the production of thermally fused laminate panels using the percentage system, and the distribution of melamine treated papers, untreated decorative papers, post-formed laminate countertop blanks, fabricated laminate countertops, and laminated panels using the transfer system. It also includes the sale of FSC Controlled Wood products.

The facility(s) are hereby Chain of Custody certified to sell products as:

FSC Controlled Wood; FSC Mix

The assessment has been conducted by SCS Global Services in accordance with the protocols of the Forest Stewardship Council® A.C. (FSC®).

FSC Standard: FSC-STD-40-003 V2-1; FSC-STD-40-004 V3-0; FSC-STD-50-001 V2-0

Certificate Code: SCS-COC-002415 Trademark License Code: FSC-C022201

CW Code: SCS-CW-002415

Valid from: 24 June 2019 Expiry date: 23 June 2024

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified (or FSC Controlled Wood where applicable). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. The scope of this certificate is considered accurate on the date of issuance. The current validity and scope, including the full list of products, shall be verified on <http://info.fsc.org>. The certificate shall remain the property of SCS, and this certificate and all copies or reproductions of this certificate shall be returned to SCS immediately upon request. Where a certificate covers more than one site, the covered products and processes/ activities are performed by the network of Participating Sites, and not necessarily by each of them.



The mark of
responsible forestry



SCSglobal
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A handwritten signature in black ink that reads "Sarah B. Harris".

Sarah Harris, Managing Director
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

CERTIFICATE OF COMPLIANCE



Wilsonart LLC Wilsonart® Laminate

1110-420

Certificate Number

01/31/2006 - 03/09/2021

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 in the office environment.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
Particle Matter less than 10 µm ^(C)	-	20	µg/m ³
1-Methyl-2-pyrrolidinone ^(D)	872-50-4	160	µg/m ³
Individual VOCs ^(E)	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m³) fall in the range of 0.5 mg/m³ or less, as specified in CDPH Standard Method v1.2.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



CERTIFICATE OF COMPLIANCE



Wilsonart LLC

Wilsonart® Phenolic Laminate Backer Sheets

Restrictions: Excludes Type 200 Econo-Bak

1829-420

Certificate Number

01/31/2006 - 03/09/2021

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 in the office environment.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
Particle Matter less than 10 µm ^(C)	-	20	µg/m ³
1-Methyl-2-pyrrolidinone ^(D)	872-50-4	160	µg/m ³
Individual VOCs ^(E)	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m³) fall in the range of 0.5 mg/m³ or less, as specified in CDPH Standard Method v1.2.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Wilsonart LLC

10501 NW H.K. Dodgen Loop, Temple, TX, United States

For the following product(s):

HIGH PRESSURE DECORATIVE LAMINATES:

Wilsonart® Laminate, High Pressure Decorative Laminate, Types: 350, 376 and 776

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

SCS RECYCLED CONTENT CERTIFIED

Conforms to SCS Recycled Content Standard V7-0 for a **Minimum 22% Post-Consumer Recycled Wood Fiber Content**. The material quantification and mass-balance calculations are completed on a dry-weight basis.

Registration # SCS-MC-03133

Valid from: August 1, 2020 to July 31, 2021



**MINIMUM 22% RECYCLED CONTENT
POST-CONSUMER**

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A handwritten signature in black ink that reads "Stanley Mathuram".

Stanley Mathuram, PE, Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Wilsonart LLC

10501 NW H.K. Dodgen Loop, Temple, TX, United States

For the following product(s):

HIGH PRESSURE DECORATIVE LAMINATES:

Wilsonart® Laminate, High Pressure Decorative Laminate, Types: 335 and 735

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

SCS RECYCLED CONTENT CERTIFIED

Conforms to SCS Recycled Content Standard V7-0 for a **Minimum 34% Post-Consumer Recycled Wood Fiber Content**. The material quantification and mass-balance calculations are completed on a dry-weight basis.

Registration # SCS-MC-02028

Valid from: August 1, 2020 to July 31, 2021



**MINIMUM 34% RECYCLED CONTENT
POST-CONSUMER**

SCSglobal
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A handwritten signature in black ink that reads "Stanley Mathuram".

Stanley Mathuram, PE, Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Wilsonart LLC

10501 NW H.K. Dodgen Loop, Temple, TX, United States

For the following product(s):

HIGH PRESSURE DECORATIVE LAMINATES:

Wilsonart® Laminate, High Pressure Decorative Laminate, Types: 350, 376 and 776

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

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Registration # SCS-MC-03133

Valid from: August 1, 2020 to July 31, 2021



**MINIMUM 22% RECYCLED CONTENT
POST-CONSUMER**

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A handwritten signature in black ink that reads "Stanley Mathuram".

Stanley Mathuram, PE, Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

CERTIFICATE OF COMPLIANCE



Wilsonart LLC

Wilsonart® Chemsurf® Chemical-Resistant Laminate

1105-420

Certificate Number

01/31/2006 - 03/09/2021

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 in the office environment.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
Particle Matter less than 10 µm ^(C)	-	20	µg/m ³
1-Methyl-2-pyrrolidinone ^(D)	872-50-4	160	µg/m ³
Individual VOCs ^(E)	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m³) fall in the range of 0.5 mg/m³ or less, as specified in CDPH Standard Method v1.2.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).

