



SCREENING DATE: 2026-01-26
PUBLISHED DATE: 2026-01-26
EXPIRY DATE: 2029-01-26
PREPARER: Elixir Environmental
VERIFIER: Vertima
VERIFICATION #: Ute-26899

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 77644664832
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 06 40 23 Interior Architectural Woodwork
PRODUCT DESCRIPTION: Richlite is an incredibly durable, sustainable, and versatile material made from paper. Originally developed over 75 years ago for industrial tooling and pattern making, Richlite has expanded into diverse industries such as food service, aerospace, action sports, marine, musical instruments, architecture, and many more. Our high-grade custom FSC® Certified paper is infused with a thermosetting resin before being laid up by hand and pressed into a solid panel. Richlite is unlike stone, plastic, or solid surface. It fabricates similar to an incredibly dense hardwood and can be milled, sanded, routed, and joined. In addition to being easily machined, the innovative surface material's mottled appearance, honed look, and leathery feel complement a range of interior and exterior applications; such as furniture, cladding, skateparks, signage, foundry patterns, tooling, bar tops, retail displays, food prep surfaces, and consumer products.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Nested Materials Method	Completed in 1 of 1 Materials	
Threshold Disclosed Per	Explanation(s) provided for Residuals/Impurities?	Characterized
→ Product	Yes	Provided weight and role. Yes
Threshold Level		Screened
→ 100 ppm		Provided screening results using HPDC-approved methods. Yes
		Identified
		Provided name and CAS RN or other identifier. Yes

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.

[NESTED MATERIAL](#) | [MATERIAL OR SUBSTANCE](#) | [RESIDUAL OR IMPURITY](#)

[GREENSCREEN SCORE](#) | HAZARD TYPE

[RICHLITE SURFACES](#) | [RECYCLED PAPER CURED PHENOLIC RESIN](#)

[N/A](#)

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
Special Conditions applied: [BiologicalMaterial]
Special Conditions applied: [Polymers]

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 3.0, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight.

PFAS DETAILS:
This product does **not** contain intentionally added PFAS and materials or substances from suppliers are verified to **not** contain PFAS.

Attestation:

Don Atkinson

2026-01-21

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.
VOC emissions: UL/GreenGuard Gold Certified
Sustainable forestry: FSC Certification - Chain of Custody (COC)
Material Health: Intertek Sustainability Accredited - Certified PFAS Free
LCA: ISO 14040:2006 Environmental management -- Life cycle assessment

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

Pre-checked for LEED v4.1 Option 2 (100%).

Pre-checked for LEED v4.1 Option 2 (150%).

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

RICHLITE SURFACES	%: 100.0000
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
MATERIAL TYPE: Paper or Cardboard	
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS, as predicted by process chemistry (Pharos CML) and confirmed by product testing.	
OTHER MATERIAL NOTES: Richlite Surfaces are made by binding 100% FSC-certified recycled paper with a thermosetting phenolic resin to create a durable, sustainable and versatile solid material.	

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **60.0000 - 65.0000**
 GreenScreen: **Not Required**
 RC: **PostC**
 NANO: **No**
 MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Mixed Recycled Paper

MATERIAL CONTENT NOTES: 100% FSC-Certified Post-Consumer Recycled Paper.

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

HAZARD DATA SOURCE: **GHS-compliant SDS**HAZARD SCREENING DATE: **2025-12-16 19:01:01**

%: **30.0000 - 35.0000**
 GreenScreen: **N/A**
 RC: **None**
 NANO: **No**
 POLYMER ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
Hazards Screening not applicable for this special condition. See GHS or CLP warnings below.		

POLYMER TYPE: Crosslinked thermoset

AVERAGE MOLECULAR WEIGHT : >10,000 Da

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA : Unknown

ADDITIONAL SUBSTANCES CONSIDERED: Yes

GHS HAZARD STATEMENTS: H225; H315; H317; H318; H334; H341; H350; H370; H373

HAZARD SCREENING COMPLIANCE: Hazard screening data sourced from OSHA and/or EU compliance CLP or SDS, as allowed by HPDC Special Conditions policy for polymers.

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers without disclosed CAS numbers.

ADDITIONAL NOTES: Fully reacted phenol-formaldehyde resin. GHS hazards listed are representative of unreacted resin mixture. Declare Program Exception applicable: RL-009b Formaldehyde. GREENGUARD Gold Certification confirms that emissions levels in the final product comply with the thresholds required by Declare 2.0. Testing confirms no residual formaldehyde or other individual VOCs of concern are present in the finished product at or above 0.001 ppm.

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	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Environment COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product Line APPLICABLE FACILITIES: Tacoma, Washington 98421 USA COMPLIANCE URL: https://tinyurl.com/y2xfs3ac COMPLIANCE NOTES: Certificate Number: 3993-420. UL 2818 - 2022 Gold Standard 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 using a Classroom Environment with an air change of 0.82 hr ⁻¹ and a loading of 12.30 m ² ; and Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of 0.68 hr ⁻¹ and a loading of 3.20 m ² . Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. TVOC: <1 ug/m3; Formaldehyde: <0.001 ppm.	ISSUE DATE: 2007-07-24	EXPIRY DATE: 2026-07-23
SUSTAINABLE FORESTRY	FSC Certification - Chain of Custody (COC)	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Rainforest Alliance COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Tacoma, Washington 98421 USA COMPLIANCE URL: https://tinyurl.com/5cmru5nt COMPLIANCE NOTES: Certificate Registration Code: NC-COC-002292 FSC License Code: FSC-C020482. Product: FSC Processed Paper Panels. Claims: FSC Mix, FSC Recycled.	ISSUE DATE: 2022-04-11	EXPIRY DATE: 2027-04-27
MATERIAL HEALTH	Intertek Sustainability Accredited - Certified PFAS Free	

COMPLIANCE TYPE: Third-party certification

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Intertek

COMPLIANCE DETAILS:

COMPLIANCE SCOPE:

APPLICABLE FACILITIES: Tacoma, Washington 98421 USA

COMPLIANCE URL:

https://www.richlite.com/pages/resources

COMPLIANCE NOTES: Certificate Number: PF-10488-2026a. Conformance Criteria: Total Organic Fluorine not exceeding a concentration of 20 mg/kg; as determined with reference to ASTM D7359-23. Targeted PFAS Compounds not exceeding an individual concentration of 25 µg/kg or cumulative concentration of 250 µg/kg; as determined with reference to EN 17681-1:2024, EN 17681-2:2022-11, and/or CEN/TS 15968:2010.

ISSUE DATE: 2026-01-20

EXPIRY DATE: 2027-01-20

LCA

ISO 14040:2006 Environmental management -- Life cycle assessment

COMPLIANCE TYPE: Self-declaration

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Clean Agency

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Product

APPLICABLE FACILITIES: Tacoma, Washington 98421 USA

COMPLIANCE URL: https://tinyurl.com/yej3mtdx

COMPLIANCE NOTES: Product: Richlite Composite Surfaces. Functional Unit: 1 square meter of Richlite Surfaces. Product Reference Service Life: 10 years. Life Cycle Assessment was conducted in accordance with ISO 14044 and the reference PCR (ISO 14040:2006; ISO 14044:2006; ISO 21930:2017). LCI Database(s): Ecoinvent, USLCI, US-EI. LCIA Methodology and Version Number: TRACI 2.1 v1.04; CML methodologies. Cradle-to-Grave GWP: 33.9 kg CO2-eq.

ISSUE DATE: 2025-04-15

EXPIRY DATE: 2030-04-15

MATERIAL CONTENT MIGRATION

ANSI/NSF 51-2012 Food equipment materials

COMPLIANCE TYPE: Third-party certification

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: NSF International

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Product

APPLICABLE FACILITIES: Tacoma, Washington 98421 USA

COMPLIANCE URL: https://tinyurl.com/yzce8mca

COMPLIANCE NOTES: Phenolic Wood Fibre Sheet. All food contact types. Maximum Temperature: 350 degrees Fahrenheit.

ISSUE DATE: 2020-09-20

EXPIRY DATE: 2026-01-26

MATERIAL HEALTH

REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

COMPLIANCE TYPE: Third-party certification

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Intertek

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Product

APPLICABLE FACILITIES: Tacoma, Washington 98421 USA

COMPLIANCE URL:

https://www.richlite.com/pages/resources

COMPLIANCE NOTES: TEST REPORT No. FUHLCP2025-07978-M. Testing of material samples for Substances of Very High Concern (SVHC); Candidate list 5th of November 2025. Conclusion: The materials tested are free of hazardous substances listed in the SVHC candidate list of the REACH-regulation in a concentration greater than 0.1%.

ISSUE DATE: 2026-01-26

EXPIRY DATE: 2027-01-26

MATERIAL INGREDIENTS

REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

COMPLIANCE TYPE: Third-party certification

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Intertek

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Product

APPLICABLE FACILITIES: Tacoma, Washington 98421 USA

COMPLIANCE URL:

https://www.richlite.com/pages/resources

COMPLIANCE NOTES: Report Number: FUHLCP2025-08005. Test Substance: Bisphenol A (BPA). Test Method: Extraction with organic solvent, measurement HPLC and LC-MS/MS* resp. Results: BPA not detected.

ISSUE DATE: 2026-01-26

EXPIRY DATE: 2027-01-26

+ 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.

OSMO (CARE + MAINTAIN) SPRAY

MANUFACTURER (OR GENERIC): Osmo USA

HPD URL: No HPD available

ACCESSORY TYPE: Cleaning Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Recommended for everyday cleaning of hardwax-oil protected surfaces.

RICHLITE HARD WAX OIL

MANUFACTURER (OR GENERIC): Richlite

HPD URL: No HPD available

ACCESSORY TYPE: Maintenance Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Richlite Hard Wax Oil is the preferred finish for interior residential use, as it has low VOC's and can be applied in the home. Made with a base of natural plant oils and waxes, it is compatible with the Richlite Professional Finish and can be used to spot repair on the top of both Professional Finish and itself.

SAICOS ECOLINE WAX CARE SPRAY

MANUFACTURER (OR GENERIC): Saicos

HPD URL: No HPD available
ACCESSORY TYPE: Maintenance Product
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: SAICOS Ecoline Wax Care Spray is a natural, non-toxic, VOC- and solvent-free formula for conditioning oiled and waxed finishes. It leaves surfaces polished, dirt-repellent, and slip-resistant – ideal for countertops, floors, entryways, and more.

RICHLITE PROFESSIONAL FINISH
MANUFACTURER (OR GENERIC): **Richlite**

HPD URL: No HPD available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Richlite Professional Finish is a food-safe polyurethane finish that is recommended for both residential and commercial projects. Should be applied in a shop environment.

 Section 5: General Notes

It has been verified by a Third Party, Intertek, that this product does not contain intentionally added PFAS, as confirmed via laboratory testing; materials or substances from suppliers do not contain intentionally added PFAS, as confirmed by supplier attestations.

MANUFACTURER INFORMATION

MANUFACTURER: **Richlite Company**
ADDRESS: **624 East 15th Street**
Tacoma, Washington 98421
COUNTRY: **United States**
LATITUDE: **47.2497000**
LONGITUDE: **122.4229000**

WEBSITE: **www.richlite.com**
CONTACT NAME: **Don Atkinson**
TITLE: **CMO**
PHONE: **253.223.7281**
EMAIL: **don@richlite.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
NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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 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.

