

HPD UNIQUE IDENTIFIER: 23891

CLASSIFICATION: 09 64 00 Wood Flooring

PRODUCT DESCRIPTION: This prefinished floor is a mix of reclaimed red and white oak featuring hints of its original non-toxic black paint from its previous life as horse farm fencing deep in the grain and fissures of the smooth planed surface. An exciting blend of warm tones with varying lights and darks, you'll find occasional knots and a modest price point on these single width reclaimed planks. Finished with a no VOC hard wax oil available in a selection of colors or pure with no color added.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and screening notes. Includes options for 'Nested Materials Method', 'Basic Method', and '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®.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY GREENSCREEN SCORE | HAZARD TYPE
BLACK & TAN - TAN OAK PREFINISHED WITH HARD WAX OIL [SC:OAK Not Screened LINSEED OIL NoGS WAX, CARNAUBA NoGS BEESWAX, WHITE (APIS MELLIFERA L.) (PRIMARY CASRN IS 8012-89-3) NoGS SC:PLANT BASED PIGMENTS Not Screened]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... NoGS
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: BiologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

All Pioneer Millworks recycled wood products are inventoried with source data, verified for recycled content and tested for lead if any paint or paint like finishes are present. Wood is not a registered chemical.

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: N/A

Sustainable forestry: FSC Certification - Recycled

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: 2021-02-23

PUBLISHED DATE: 2021-02-23

EXPIRY DATE: 2024-02-23

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

BLACK & TAN - TAN OAK PREFINISHED WITH HARD WAX OIL

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Pioneer Millworks has taken steps – such as those outlined in Emerging Best Practices – to understand what residuals and impurities may be present in this material and disclose that information on the HPD. There are no residuals or impurities at or above the reported threshold.

OTHER PRODUCT NOTES: The 0% VOC finish applied to this flooring is a healthy option for wood finishing. It protects the wood from water, heat, and daily wear and tear through molecular binding with the wood fiber. This product creates a finish that is easy to maintain and celebrates the natural look and feel of the wood.

SC:OAK

ID: SC:Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-02-23

#: 100.0000 GS: Not Screened RC: PostC NANO: No SUBSTANCE ROLE: Biological material

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: Quercus Alba & Quercus Rubra

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. Black and Tan - TAN oak is sourced from recycled horse fence boards. It is an inherently non-emitting source per LEED®

LINSEED OIL

ID: 8001-26-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-02-23

#: 0.0100 - 1.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Coating

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

SUBSTANCE NOTES: Product percent details are not available for this substance due to the proprietary nature of the suppliers' formulations. However, all ingredients in the finish have been screened according to the HPD Open Standard.

The hard wax oil finish applied to this floor has a Eurofins Indoor Air Comfort Gold certification. Compliance with Indoor Air Comfort Gold means compliance with VOC requirements on low emitting products of:

Belgium regulation, France VOC class A+, Germany (AgBB/ABG), BREEAM international, BREEAM NOR, LEED outside North America, Italian regulation on GPP (Green Public Procurement), WELL Building, DGNB, BVB (Sweden), EMICODE EC1Plus, M1.

WAX, CARNAUBA

ID: 8015-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-23**

#: **0.0010 - 0.0100** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

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

SUBSTANCE NOTES: Product percent details are not available for this substance due to the proprietary nature of the suppliers' formulations. However, all ingredients in the finish have been screened according to the HPD Open Standard.

The hard wax oil finish applied to this floor has a Eurofins Indoor Air Comfort Gold certification. Compliance with Indoor Air Comfort Gold means compliance with VOC requirements on low emitting products of:
Belgium regulation, France VOC class A+, Germany (AgBB/ABG), BREEAM international, BREEAM NOR, LEED outside North America, Italian regulation on GPP (Green Public Procurement), WELL Building, DGNB, BVB (Sweden), EMICODE EC1Plus, M1.

BEESWAX, WHITE (APIS MELLIFERA L.) (PRIMARY CASRN IS 8012-89-3) ID: **8006-40-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-23**

#: **0.0010 - 0.0100** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

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

SUBSTANCE NOTES: Product percent details are not available for this substance due to the proprietary nature of the suppliers' formulations. However, all ingredients in the finish have been screened according to the HPD Open Standard.

The hard wax oil finish applied to this floor has a Eurofins Indoor Air Comfort Gold certification. Compliance with Indoor Air Comfort Gold means compliance with VOC requirements on low emitting products of:
Belgium regulation, France VOC class A+, Germany (AgBB/ABG), BREEAM international, BREEAM NOR, LEED outside North America, Italian regulation on GPP (Green Public Procurement), WELL Building, DGNB, BVB (Sweden), EMICODE EC1Plus, M1.

SC:PLANT BASED PIGMENTS ID: **SC:Bio**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-23**

#: **0.0010 - 0.0050** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:
Version: SCBioMats/2018-02-23
Category: Plant-based materials
Identifier: Rhus & others

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. Product percent details are not available for this substance due to the proprietary nature of the suppliers' formulations. However, all ingredients in the finish have been screened according to the HPD Open Standard.

The hard wax oil finish applied to this floor has a Eurofins Indoor Air Comfort Gold certification. Compliance with Indoor Air Comfort Gold means compliance with VOC requirements on low emitting products of:
Belgium regulation, France VOC class A+, Germany (AgBB/ABG), BREEAM international, BREEAM NOR, LEED outside North America, Italian regulation on GPP (Green Public Procurement), WELL Building, DGNB, BVB (Sweden), EMICODE EC1Plus, M1.

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	N/A		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2019-07-	EXPIRY DATE: 2022-	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: All	30	07-30	
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: This solid wood product is composed of wood - a zero VOC biological substance and a Eurofin certified zero VOC plant based oil and wax finish.			
SUSTAINABLE FORESTRY	FSC Certification - Recycled		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2016-12-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: SCS Global
APPLICABLE FACILITIES: All	28	12-29	Services
CERTIFICATE URL: https://info.fsc.org/details.php?id=a024000000857A4AAI&type=certificate			
CERTIFICATION AND COMPLIANCE NOTES: Certificate Code: SCS-COC-003998-D Black & Tan - Tan Oak is certified as FSC Recycled 100%			

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

WE DO WELL WHEN WE DO GOOD We believe in the balance of people, planet, and profit working together towards a better future for all. For over 30 years we have been reclaiming and sourcing wood in responsible ways, from responsible companies, responsible places, and responsible people. Sustainability is part of our culture, a shared commitment to doing right for our customers and the environment. We strive to keep our carbon footprint small; our roofs house 100kW solar arrays, and our wood scraps keep us warm. We encourage our coworkers to drive electric and charge up at work. We are an employee-owned company, putting company stock in the hands of employees and helping preserve local jobs. One percent of our reclaimed teak sales are donated to conservation causes on the island of Borneo. Our American Prairie sales support domestic barn and history preservation. We believe in promoting a sustainable wage for all who work here.

MANUFACTURER INFORMATION

MANUFACTURER: Pioneer Millworks
ADDRESS: 1180 Commercial Drive
 Farmington New York 14425, United States
WEBSITE: <https://pionermillworks.com/>

CONTACT NAME: Michele Caryl
TITLE: Acquisitions Manager
PHONE: 5859249970
EMAIL: michele@pionermillworks.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)	
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)	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.