

HPD UNIQUE IDENTIFIER: 32759

CLASSIFICATION: 09 64 33 Laminated Wood Flooring

PRODUCT DESCRIPTION: 5/8" or 3/4" thick engineered wood flooring built on a plywood platform with a 3/16" (4.76 mm) wear layer. Wear layer options include a wide selection of FSC certified recycled hardwoods and softwoods or sustainably sourced hardwoods. Manufactured entirely in the U.S. at our NY facility. Our wear layers are adhered to the platform using a formaldehyde free adhesive.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

<p><b>Inventory Reporting Format</b></p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold Level</b></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><b>Residuals/Impurities Evaluation</b></p> <p>Completed in 3 of 3 Materials</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>For all contents above the threshold, the manufacturer has:</i></p> <p><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p><b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p><b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided name and CAS RN or other 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.

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

[GREENSCREEN SCORE](#) | [HAZARD TYPE](#)

[PUREBOND® FORMALDEHYDE FREE PLYWOOD](#) [ [FLOUR](#), [SOY NoGS](#), [POPLAR ORGANIC COMPOUND](#) ] [SC: BIO:WOOD](#) [ [HARDWOOD & SOFTWOOD](#) ] [WEAR LAYER ADHESIVE](#) [ [DIPHENYLMETHANE DIISOCYANATE \(MDI\) - NON ISOMER SPECIFIC](#) ] [LT-UNK](#) | [SKI](#) | [EYE](#) | [CAN](#) | [MAM](#) ]

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]

All adhesives used in this engineered floor are formaldehyde free and and meet the stringent limits set by EPA/CARB, as verified by third party testing. PureBond® hardwood plywood is the only platform utilized to manufacture this product.

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

Sustainable forestry: FSC Certification - Mixed Credit

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.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2023-05-17

PUBLISHED DATE: 2023-05-17

EXPIRY DATE: 2026-05-17

## 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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

### PUREBOND® FORMALDEHYDE FREE PLYWOOD

#: 63.8300 - 68.8100

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED:  
Yes

MATERIAL TYPE: Wood or  
Lumber

RESIDUALS AND IMPURITIES NOTES: PureBond® plywood is comprised of no added formaldehyde components and assembled with no added formaldehyde adhesives. No known residuals or impurities were found in this material.

OTHER MATERIAL NOTES: This is the flooring platform.

**POPLAR**ID: **Biological Material**HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)%: **95.0000 - 96.0000**      GreenScreen: **Not Required**      RC: **None**      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: Populus

MATERIAL CONTENT NOTES: FSC Certified wood is used for each layer of this plywood.

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.

**FLOUR, SOY**ID: **68513-95-1**HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2023-05-17 12:12:38**%: **1.0000 - 4.0000**      GreenScreen: **NoGS**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Soyad adhesives are water-based systems formulated with natural soy flour and a proprietary cross-linking resin. When blended together the resin reacts with the protein in the soy flour to form a durable and water-resistant thermoset adhesive.

**ORGANIC COMPOUND**ID: **Biological Material**HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)%: **0.0500 - 0.1000**      GreenScreen: **Not Required**      RC: **None**      NANO: **No**      MATERIAL ROLE: **Adhesive**

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

BIOLOGICAL MATERIALS CATEGORY: Plant-based materials

INGREDIENT DESCRIPTION: Bio-based proprietary resin

MATERIAL CONTENT NOTES: Soyad adhesives are water-based systems formulated with natural soy flour and a proprietary cross-linking resin. When blended together the resin reacts with the protein in the soy flour to form a durable and water-resistant thermoset adhesive.

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.

**SC: BIO: WOOD**%: **27.5200 - 31.9100**PRODUCT THRESHOLD: 100 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: **Yes**      MATERIAL TYPE: **Wood or Lumber**

RESIDUALS AND IMPURITIES NOTES: This is natural wood and contains no residuals or impurities.

OTHER MATERIAL NOTES: Various species of reclaimed and sustainably harvested hardwood and softwood are used for the wear layer in this product.

**HARDWOOD & SOFTWOOD**

ID: **Biological Material**

HAZARD DATA SOURCE: **HPDC Special Conditions Policy**

%: **100.0000 - 100.0000**    GreenScreen: **Not Required**    RC: **PostC**    NANO: **No**    MATERIAL ROLE: **Structure component**

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

BIOLOGICAL MATERIALS CATEGORY: **Tree-based materials**

INGREDIENT DESCRIPTION: **Various wood species**

MATERIAL CONTENT NOTES: **Wear layer is available in post consumer reclaimed wood or FSC certified sustainably harvested wood.**

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.

**WEAR LAYER ADHESIVE**

%: **1.7000 - 2.2000**

PRODUCT THRESHOLD: **100 ppm**    RESIDUALS AND IMPURITIES EVALUATION COMPLETED: **Yes**    MATERIAL TYPE: **Polymeric Material**

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.**

OTHER MATERIAL NOTES: **Adhesive used to laminate wear layers to plywood platform.**

**DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC**

ID: **26447-40-5**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**    HAZARD SCREENING DATE: **2023-05-17 12:12:39**

%: **1.0000 - 1.0000**    GreenScreen: **LT-UNK**    RC: **None**    NANO: **No**    SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	GHS - New Zealand	Carcinogenicity category 2
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
MAM	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
MAM	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List  Precautionary list of substances recommended for avoidance

**SUBSTANCE NOTES:** This adhesive when used in our engineered flooring emits at extremely low levels and meet the stringent limits set by EPA/CARB, as verified by third party testing and Greenguard Gold certification.

## 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: All CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5c61c66355b0e8bd10e11ddb?page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5c61c66355b0e8bd10e11ddb?page_type=Products%20Catalog</a>	ISSUE DATE: 2019-02-11 EXPIRY DATE: 2024-02-11	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: Certification applies to all engineered wood floors manufactured by Pioneer Millworks. Flooring products are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom 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.		
SUSTAINABLE FORESTRY	FSC Certification - Mixed Credit	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="https://info.fsc.org/details.php?id=a024000000857A4AAI&amp;type=certificate">https://info.fsc.org/details.php?id=a024000000857A4AAI&amp;type=certificate</a>	ISSUE DATE: 2021-12-27 EXPIRY DATE: 2026-12-26	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: Certificate Code: SCS-COC-003998-D - FSC Mix 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 a 100% 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:** 585-924-9970  
**EMAIL:** [michele@pionermillworks.com](mailto: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**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	

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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://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 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.*