



HPD UNIQUE IDENTIFIER: 1714403328
CLASSIFICATION: 09 64 00 Wood Flooring
PRODUCT DESCRIPTION: Symmetrical 3 layer wood planks coated in natural oils for floors (09 64 00) walls (09 70 00) and ceilings (09 50 00). Made in Schneegattern Austria out of natural wood, simple glue, and plant-based oils. This is a product designed for human health because it is not altered from its natural state, we only form it for our use. This product should be used in heavy traffic areas and most importantly in areas where people live and work so as to make use of the nature-related attributes. This product is sold directly to partners worldwide and specifically through the US subsidiary mafi- America, INC for North America.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
☐ Nested Materials Method	☒ 100 ppm	☒ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☐ 1,000 ppm	☐ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☒ Yes ☐ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	Identified ☒ Yes ☐ No
			<i>Provided name and CAS RN or other identifier.</i>

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
MAFI WOOD SURFACES [WOOD POLYVINYL ACETATE LT-UNK
LINSEED OIL NoGS CALCIUM CARBONATE BM-3 | EYE]

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

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

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: MAS Certified Green - VOC Emissions
Sustainable forestry: FSC Certification - Chain of Custody (COC)
Transparency document for International Living Future Institute: ILFI
Declare - Red List Free - Third Party Verified
Multi-attribute: Living Product challenge

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-08-15
☒ Yes	VERIFIER: WAP Sustainability Consulting	PUBLISHED DATE: 2024-08-16
☐ No	VERIFICATION #: zPr-10033	EXPIRY DATE: 2027-08-15

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

MAFI WOOD SURFACES

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
RESIDUALS AND IMPURITIES NOTES: Residual and impurity information was collected for all of the components and included when above threshold.	
OTHER PRODUCT NOTES: The product is made of several different species depending on the item number. Some of the wood product is thermally treated with high temperatures and water only. Additionally, different natural pigments are suspended in the surface applied oils to create different colors. mafi wood surfaces are symmetrical 3 layer wood planks coated in natural oils for floors walls (09 70 00) and ceilings (09 50 00). mafi wood surfaces can be used over radiant heat and are especially good in wet areas, bathrooms and kitchens. Made in Schneegattern Austria with only natural wood, simple glue and plant based oils, this is a product designed for human health because it is not altered from its natural state. This product should be used in heavy traffic areas and most importantly in areas where people live and work so as to make use of the nature relatedness attributes. The wood species we use are; Ash, Beech, Douglas Fir, Fir, Larch, Oak, Spruce, Swiss Stone Pine and Walnut. mafi surfaces are sold directly to partners worldwide and specifically through the US subsidiary mafi- America, INC for North America.	

WOOD

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 98.0000 - 100.0000	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: various species of natural wood harvested in Europe and North America. See notes				
MATERIAL CONTENT NOTES: Our wood is the following species. Abies procera (Fir) Pseudotsuga menziesii (Douglas Fir) Larix decidua (European Larch) Fraxinus excelsior (White Ash) Quercus robur (European Oak) Fagus sylvatica (Beech) Juglans nigra (Black Walnut) Pinus cembra (Swiss Stone Pine) 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.				

POLYVINYL ACETATE

ID: 9003-20-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-15 14:25:43	
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	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:		

LINSEED OIL

ID: 8001-26-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-15 14:25:43		
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Coating
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:				

CALCIUM CARBONATE

ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-15 14:25:43	
%: 0.0000 - 1.0000	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

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	MAS Certified Green - VOC Emissions	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://mascertifiedgreen.com/products/mafi-america-inc/ CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2024-08-13 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: Material Analytical Services
SUSTAINABLE FORESTRY	FSC Certification - Chain of Custody (COC)	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://search.fsc.org/en/certificate/a0240000005sUiBAAU/ CERTIFICATION AND COMPLIANCE NOTES: GFA-COC-001571	ISSUE DATE: 2018-04-15 00:00:00 EXPIRY DATE: 2028-05-13 00:00:00	CERTIFIER OR LAB: GFA Certification
TRANSPARENCY DOCUMENT FOR INTERNATIONAL LIVING FUTURE INSTITUTE	ILFI Declare - Red List Free - Third Party Verified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://declare.living-future.org/products/natural-wood-flooring-walls-ceilings CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2024-06-30 00:00:00 EXPIRY DATE: 2025-07-01 00:00:00	CERTIFIER OR LAB: WAP Sustainability
MULTI-ATTRIBUTE	Living Product challenge	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Headquarters Production facility 25 UtzWeisStrasse Schneegeattern, AT 5212 CERTIFICATE URL: https://living-future.org/lpc/case-studies/mafi-natural-wooden-flooring/ CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2020-05-07 00:00:00 EXPIRY DATE: 2025-03-01 00:00:00	CERTIFIER OR LAB: WAP

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.

LINSEED OIL
MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD Available ACCESSORY TYPE: Installation Accessory CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Apply immediately after installation as per installation instructions found at https://mafi.com/dokumente/broschuren/mafi_verlegung_installation.pdf
MAFI WOOD FLOOR SOAP
MANUFACTURER (OR GENERIC): mafi

HPD URL: No HPD available

ACCESSORY TYPE: Cleaning Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Use to maintain floor with a mixture of 125ml of soap with 5000ml of warm water when dirty. More information can be found at https://mafi.com/dokumente/broschuren/Pflegefibel_2020_Documentviewer.pdf.

INSTALLATION MATERIALS

MANUFACTURER (OR GENERIC): **Generic**

HPD URL: No HPD Available

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: The product can be installed in a variety of ways all requiring different installation materials. Floating installations are recommended to use underlay mats and glue for the groove edges. Nailed/screwed installations require fasteners to be used. Glue-down installations require adhesives, with a recommendation to use suitable parquet adhesives according to EN 14293, ideally with EC1 or similar. More information can be found at https://mafi.com/dokumente/broschuren/mafi_verlegung_installation.pdf.



Section 5: General Notes

mafi wood surfaces are symmetrical 3 layer wood planks coated in natural oils for floors walls (09 70 00) and ceilings (09 50 00). mafi wood surfaces can be used over radiant heat and are especially good in wet areas, bathrooms and kitchens. Made in Schneegattern Austria with only natural wood, simple glue, and plant-based oils, this is a product designed for human health because it is not altered from its natural state. This product should be used in heavy traffic areas and most importantly in areas where people live and work so as to make use of the nature-related attributes. The wood species covered by this HPD are; Ash, Beech, Douglas Fir, Fir, Larch, Oak, Spruce, Swiss Stone Pine, and Walnut. mafi surfaces are sold directly to partners worldwide and specifically through the US subsidiary mafi- America, INC for North America.

MANUFACTURER INFORMATION

MANUFACTURER: **mafi Naturholzboden**
 ADDRESS: **25 Utzweisstrasse**
Schneegattern, Austria 5212
 COUNTRY: **Austria**

WEBSITE: **<https://mafi.com/en>**
 CONTACT NAME: **Walter Lourie**
 TITLE: **Head of Sustainability**
 PHONE: **+01 917.488.0410**
 EMAIL: **w.lourie@mafi.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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U 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, 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 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

