

HPD UNIQUE IDENTIFIER: 28611

CLASSIFICATION: 09 65 00 Resilient Flooring

PRODUCT DESCRIPTION: TEKNOFLOR™ Bio-Polyurethane Flooring includes TEKNOFLOR™ Naturescapes HPD™ and TEKNOFLOR™ Nature's Tile & Plank HPD™. Naturescapes HPD is a luxury organic sheet good made from organically-derived polyurethane processed from castor seed oil and natural minerals. This resilient sheet flooring product is designed to be durable, easy to maintain, and versatile. The product offers 24 beautiful designs in three distinct styles that can be used independently or together. Nature's Tile & Plank HPD bio-polyurethane flooring products collection boasts 42 visuals, many of which coordinate with Naturescapes HPD in both aesthetic and construction. Designed to mimic every detail, the planks and tiles are built with the same 2.5 mm thickness of Naturescapes HPD, which means they can be used together without the need for transition strips. Nature's Tile & Plank holds true to TEKNOFLOR's no wax, no buff principle and its promise of high performance design - all without the use of vinyl or other red-list ingredients.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</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>Residuals/Impurities</p> <p><input type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input checked="" type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

TEKNOFLOR™ BIO-POLYURETHANE FLOORING [CALCIUM CARBONATE BM-3 POLYURETHANE FOAMS (POLYURETHANE) LT-UNK ZEOLITE LT-UNK ALUMINUM HYDROXIDE, DRIED BM-2 | RES ADDITIVES AND DECOR PAPER DYES Not Screened WHITE MINERAL OIL (WHITE OIL) LT-UNK POLYPROPYLENE LT-P1 | RES TITANIUM DIOXIDE LT-1 | CAN | END FIBERGLASS (GLASS) LT-UNK POLYETHYLENE TEREPHTHALATE (PET) (POLYESTER) LT-P1 | RES CELLULOSE, MICROCRYSTALLINE (CELLULOSE) LT-UNK | RES KAOLIN LT-UNK | CAN]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory.

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: RfCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-06-02

PUBLISHED DATE: 2022-06-02

EXPIRY DATE: 2025-06-02

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

TEKNOFLOR™ BIO-POLYURETHANE FLOORING

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: While TEKNOFLOR™ Bio-Polyurethane Flooring does not meet the qualifications for "Residuals & Impurities - Considered" per HPDC's Best Practices, we have had this product tested at independent, third-party laboratories to ensure it is free of Red List Heavy Metals, Phthalate-Free, Formaldehyde-Free, and complies with REACH SVHC.

OTHER PRODUCT NOTES: N/A

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-06-02 13:42:02

#: 40.0000 - 59.0000 GS: BM-3 RC: None NANO: No SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES:

POLYURETHANE FOAMS (POLYURETHANE)

ID: 9009-54-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-06-02 13:42:03

#: 30.0000 - 50.0000 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:

ZEOLITE

ID: 1318-02-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-06-02 13:42:03

#: 1.0000 - 5.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES:

ALUMINUM HYDROXIDE, DRIED

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-02 13:42:04		
%: 1.0000 - 5.0000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES:				

ADDITIVES AND DECOR PAPER DYES ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 0.5000 - 1.0000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				
SUBSTANCE NOTES: Proprietary Information. Does not appear on the ILFI/LBC Red List, nor on the C2C Banned List				

WHITE MINERAL OIL (WHITE OIL) ID: **8042-47-5**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-02 13:42:04		
%: 0.2000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Defoamer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES:				

POLYPROPYLENE ID: **9003-07-0**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-02 13:42:05		
%: 0.0000 - 3.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES:				

TITANIUM DIOXIDE ID: **13463-67-7**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-02 13:42:05		
%: 0.0000 - 2.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES:

FIBERGLASS (GLASS)

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 13:42:06**
 %: **0.0000 - 3.0000** GS: **LT-UNK** RC: **None** 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:

POLYETHYLENE TEREPHTHALATE (PET) (POLYESTER)

ID: 25038-59-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 13:42:06**
 %: **0.0000 - 3.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Textile component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

CELLULOSE, MICROCRYSTALLINE (CELLULOSE)

ID: 9004-34-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 13:42:07**
 %: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: The precise Substance Role for this product is "Decorative". However, such an option is not currently available. As such, we have selected "Structure component"

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 13:42:07**

%: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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	RFCI FloorScore		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2021-10-01	EXPIRY DATE: 2022-09-30	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: All			
CERTIFICATE URL: https://www.scsglobalservices.com/certified-clients/certificates/25028			
CERTIFICATION AND COMPLIANCE NOTES: Certificate # SCS-FS-05230; listed as Teknoflor Naturescapes HPD, Teknoflor Nature's Tile & Plank HPD			

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.

TEK ONE HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
One of two adhesives recommended for use in installing Teknoflor Bio-Polyurethane Flooring

TEK FIVE V2 HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
One of two adhesives recommended for use in installing Teknoflor Bio-Polyurethane Flooring

Section 5: General Notes

Please visit [teknoflor.com](https://www.teknoflor.com) to learn more about TEKNOFLOR™ Bio-Polyurethane Flooring (i.e. TEKNOFLOR™ Naturescapes HPD™, TEKNOFLOR™ Nature's Tile & Plank HPD™), including available designs, installation and maintenance procedures, warranty information, etc.

MANUFACTURER INFORMATION

MANUFACTURER: TEKNOFLOR®
ADDRESS: 1005 South 60th Street
 Milwaukee WI 53214, USA
WEBSITE: <https://www.teknoflor.com>

CONTACT NAME: Arthur Clarke
TITLE: Director of Sustainability & Impact
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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 HPD and for compliance with the HPD standard noted.