

CLASSIFICATION: 09 65 16.23 VINYL SHEET FLOORING

created via: HPDC Online Builder

PRODUCT DESCRIPTION: TEKNOFLOR™ Urbanscapes HPD™ Commercial Resilient Sheet Flooring brings both stylish, modern design and superior composition to the TEKNOFLOR™ brand of commercial sheet flooring. Carrying the brand's hallmark, No Wax, No Buff features, Urbanscapes HPD™ is made of 100% virgin vinyl and is also phthalate-free, formaldehyde-free, and free of halogenated flame-retardants. Used as a complementary product or as the star of the show, its versatility and beauty are sure to impress! With a 2.3mm Gauge and 20mil Wear Layer, TEKNOFLOR™ Urbanscapes HPD™ is backed by a 12-year, non-prorated, limited commercial warranty (material and labor).

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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.

Number of Greenscreen BM-4/BM3 contents..... 1
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-1
Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

TEKNOFLOR™ URBANSCAPES HPD™ [LIMESTONE; CALCIUM CARBONATE **LT-UNK** POLYVINYL CHLORIDE (PVC) **LT-P1** | RES BIS(2-ETHYLHEXYL) TEREPHTHALATE **BM-3** MAGNESITE **LT-UNK** POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END HYDROTALCITE **NoGS** FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT **LT-UNK** POLYMETHYL METHACRYLATE (PMMA) **LT-P1** | RES VINYL CHLORIDE-VINYL ACETATE COPOLYMERS **LT-UNK** POLYURETHANE **LT-UNK** 1,2(OR 3)-PROPANEDIOL,1-ACRYLATE **LT-UNK** | MAM | SKI CELLULOSE PULP **NoGS** 1,6-HEXANEDIOL DIACRYLATE **LT-P1** | EYE | SKI | MUL]

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: FloorScore

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-10-31
PUBLISHED DATE: 2017-10-31
EXPIRY DATE: 2020-10-31

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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

TEKNOFLOR™ URBANSCAPES HPD™

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: While TEKNOFLOR™ Urbanscapes HPD™ does not meet the qualifications for "Residuals & Impurities - Considered" per HPDC's Emerging Best Practices, we have 1) Disclosed all known, intentionally-added ingredients; 2) Tested TEKNOFLOR™ Urbanscapes HPD™ to ensure it is free of Red List Heavy Metals, Phthalate-Free, Formaldehyde-Free, and meets VOC Emissions/Indoor Air Quality requirements per FloorScore / California Section 01350.

OTHER PRODUCT NOTES: All known intentional ingredients of TEKNOFLOR™ Urbanscapes HPD™ are disclosed in this HPD.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 38.9368 - 41.3452 GS: LT-UNK RC: None NANO: No ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: 33.1730 - 35.2250 GS: LT-P1 RC: None NANO: No ROLE: Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

#: 14.4501 - 15.3439 GS: BM-3 RC: None NANO: No ROLE: Plasticizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Also known as Dioctyl terephthalate, or DOTP, this plasticizer has undergone a full toxicological screening through GreenScreen and achieved a Benchmark 3 out of a possible 4, whereas phthalate plasticizers typically achieve a Benchmark 1.

MAGNESITE

ID: 546-93-0

%: 3.8567 - 4.0953	GS: LT-UNK	RC: None	NANO: No	ROLE: Flame Retardant
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 1.7334 - 1.8406	GS: LT-UNK	RC: None	NANO: No	ROLE: Polymer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

%: 1.2930 - 1.3730	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Titanium Dioxide (as airborne, unbound particles) is considered a carcinogen and potential endocrine disruptor. Titanium Dioxide, as used in TEKNOFLOR™ Urbanscapes HPD™, is bound within the polymer matrix and is not able to become airborne and inhaled or ingested through normal product use. Thus, the hazards usually associated with Titanium Dioxide are not applicable to this product.

HYDROTALCITE

ID: 12304-65-3

%: 0.8837 - 0.9383	GS: NoGS	RC: None	NANO: No	ROLE: Stabilizer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH
OXIDE CONTENT ≤18 % BY WEIGHT**

ID: 65997-17-3

#: **0.7906 - 0.8395** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dimensional Stability**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYMETHYL METHACRYLATE (PMMA)

ID: 9011-14-7

#: **0.7333 - 0.7787** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: 9003-22-9

#: **0.4084 - 0.4336** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYURETHANE

ID: 64440-88-6

#: **0.2483 - 0.2637** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Polymer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES:

1,2(OR 3)-PROPANEDIOL,1-ACRYLATE

ID: 25584-83-2

#: **0.2299 - 0.2441** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
MAMMALIAN	EU - R-phrases R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases R24 - Toxic in Contact with Skin

MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Also known as Hydroxypropyl Acrylate, this substance... which exists as a clear, colorless liquid... can be hazardous when exposed to the skin or eyes, or when ingested or inhaled. Hydroxypropyl Acrylate, as used in TEKNOFLOR™ Urbanscapes HPD™, is bound within the polymer matrix and thus such exposure does not occur through normal product use. Thus, the hazards usually associated with Hydroxypropyl Acrylate are not applicable to this product.

CELLULOSE PULP

ID: 65996-61-4

%: **0.1474 - 0.1566** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Additive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

%: **0.1116 - 0.1185** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: 1,6-Hexanediol Diacrylate is a clear yellow liquid that can be hazardous when exposed to the skin or eyes. 1,6-Hexanediol Diacrylate, as used in TEKNOFLOR™ Urbanscapes HPD™, is bound within the polymer matrix and thus such exposure does not occur through

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	FloorScore		
CERTIFYING PARTY: Third Party	ISSUE	EXPIRY	CERTIFIER OR LAB:
APPLICABLE FACILITIES: All	DATE:2017-	DATE:	SCS Global
CERTIFICATE URL:	07-07	2017-11-	Services
https://www.scs-certified.com/products/cert_pdfs/ShannonSpecialtyFloors_2017_SCS-FS-04567_s.pdf		30	
CERTIFICATION AND COMPLIANCE NOTES: FloorScore Certificate #SCS-FS-04567			

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.

TUF STIK 9000 ACRYLIC ADHESIVE HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
 One of four adhesives recommended for TEKNOFLOR™ Urbanscapes HPD™. Refer to shannonspecialtyfloors.com for more details.

TUF STIK 150 SPRAY ADHESIVE HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
 One of four adhesives recommended for TEKNOFLOR™ Urbanscapes HPD™. Refer to shannonspecialtyfloors.com for more details.

TUF STIK SPX MULTI-FUNCTION ADHESIVE HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
 One of four adhesives recommended for TEKNOFLOR™ Urbanscapes HPD™. Refer to shannonspecialtyfloors.com for more details.

TEK 4000 EPOXY HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
 One of four adhesives recommended for TEKNOFLOR™ Urbanscapes HPD™. Refer to shannonspecialtyfloors.com for more details.

Section 5: General Notes

Please visit shannonspecialtyfloors.com to learn more about TEKNOFLOR™ Urbanscapes HPD™, including available designs, installation and maintenance procedures, warranty information, etc.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Shannon Specialty Floors, Inc.**

ADDRESS: **1005 South 60th Street**

Milwaukee WI 53214, USA

WEBSITE: **www.shannonspecialtyfloors.com**

CONTACT NAME: **Tim Davis**

TITLE: **Technical Services Manager**

PHONE: **800-522-9166**

EMAIL: **timd@shannonspecialtyfloors.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

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.