

Biobased PU Resilient by Patcraft

Health Product Declaration v2.1

created via: toxnot.com

CLASSIFICATION: 09 65 00

PRODUCT DESCRIPTION: SHAW'S BIOBASED PU RESILIENT FLOORING IS INSPIRED BY NATURE WITH DURABILITY, HEALTHY CHEMISTRY & HIGH DESIGN. PROVIDING RESILIENT FLOORING SOLUTIONS FOR HEALTHCARE AND COMMERCIAL APPLICATIONS WHERE EASE OF MAINTENANCE, DURABILITY, AND SUSTAINABLE DESIGN ARE REQUIRED. THIS FLOORING SYSTEM IS AVAILABLE IN TILE SHEET AND PLANK CONFIGURATIONS THAT DO NOT REQUIRE TRANSITIONS BETWEEN SHEET & TILE FLOORING OPTIONS. DESIGNED WITH BIOBASED MATERIALS TO PROVIDE A NATURAL SOLUTION THAT DOES NOT REQUIRE WAX AND TOP COATS PROVIDING INHERENT STAIN AND SCUFF RESISTANT FINISHES. WITH BEAUTIFUL WOOD AND ABSTRACT VISUALS THE PRODUCT CAN SELF-COVE AND HEAT-WELD AT SEAMS TO ACHIEVE A TRULY ASEPTIC FLOOR. FOR MORE INFORMATION PLEASE VISIT OUR WEBSITE AT WWW.PATCRAFT.COM.

+ 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.

MATERIAL | **SUBSTANCE** GREENSCREEN SCORE HAZARD TYPE;

POLYURETHANE FOAM LT-UNK ; **CALCIUM CARBONATE** LT-UNK ; **ALUMINUM HYDROXIDE** BM-2 RES; **ZEOLITE** LT-UNK ; **FIBERGLASS** LT-UNK ; **POLYETHYLENE TEREPHTHALATE (PET)** LT-P1 RES; **POLYPROPYLENE** LT-P1 RES; **CELLULOSE** LT-UNK ; **CLAY** LT-UNK CAN; **TITANIUM DIOXIDE** LT-1 END | CAN; **ADDITIVES - UNDISCLOSED** LT-UNK RES; **WHITE MINERAL OIL (PETROLEUM)** LT-UNK ;

Number of GreenScreen® BM-4/BM-3 contents: 0

Contents highest concern GreenScreen® Benchmark or List Translator Score: LT – 1 (Form-specific hazard only)

Nanomaterial: No contents are characterized as a nanomaterial

INVENTORY AND SCREENING NOTES

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings*

Multi-attribute: Cradle to Cradle v3.1 Silver Certification
VOC Emissions: Floorscore

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 10/03/2018

PUBLISHED DATE: 10/05/2018

EXPIRY DATE: 10/05/2021



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
- Basic 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

BIOBASED PU RESILIENT BY PATCRAFT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Not Considered

RESIDUAL/IMPURITIES NOTES:

OTHER PRODUCT NOTES:

POLYURETHANE FOAM

ID: 9009-54-5

#: 45-50

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

CALCIUM CARBONATE

ID: 471-34-1

#: 40-45

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

ALUMINUM HYDROXIDE

ID: 21645-51-2

#: 1-5

GS: BM-2

RC: None

NANO: UNK

ROLE: Flame Retardant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RES

AOEC - Asthmagens

Rs

SUBSTANCE NOTES:

ZEOLITE

ID: 1318-02-1

#: 1-5

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

FIBERGLASS

ID: 65997-17-3

#: < 3

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Reinforcement

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: < 3	GS: LT-P1	RC: None	NANO: UNK	ROLE: Nonwoven
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
RES	AOEC - Asthmagens		Rs	
SUBSTANCE NOTES:				

POLYPROPYLENE

ID: 9003-07-0

%: < 3	GS: LT-P1	RC: None	NANO: UNK	ROLE: Nonwoven
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
RES	AOEC - Asthmagens		Rs	
SUBSTANCE NOTES:				

CELLULOSE

ID: 9004-34-6

%: < 2	GS: LT-UNK	RC: None	NANO: UNK	ROLE: Decor Paper
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority Lists			
SUBSTANCE NOTES:				

CLAY

ID: 1332-58-7

%: < 2	GS: LT-UNK	RC: None	NANO: UNK	ROLE: Decor Paper Filler
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CAN	MAK Carcinogen		Carc. 3B	
SUBSTANCE NOTES:				

TITANIUM DIOXIDE

ID: 13463-67-7

%: < 2	GS: LT-1	RC: None	NANO: UNK	ROLE: Decor Paper Pigment
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	
CAN	IARC		2B	
CAN	MAK Carcinogen		Carc. 3A	
CAN	CA Prop 65		cancer	
CAN	IARC		2B	
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen	
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen	
CAN	MAK Carcinogen		Carc. 3A	
SUBSTANCE NOTES: Hazard in respirable form only, not available for exposure in finished product form.				

ADDITIVES

ID: UNDISCLOSED

%: 0.5-1	GS: LT-UNK	RC: None	NANO: UNK	ROLE: Additives & Decor Paper Dyes
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
RES	AOEC - Asthmagens		Rs	
SUBSTANCE NOTES:				

WHITE MINERAL OIL (PETROLEUM)

ID: 8042-47-5

%: 0.2-0.5	GS: LT-UNK	RC: None	NANO: UNK	ROLE: Foam Regulator
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority Lists			



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.

MULTI-ATTRIBUTE

Cradle to Cradle v3.1 Silver Certification

CERTIFYING PARTY: EPEA Switzerland

ISSUE DATE: 03/28/2018

EXPIRY DATE: 03/20/2020

CERTIFIER OR LAB: EPEA GMBH

APPLICABLE FACILITIES: All

CERTIFICATE AND COMPLIANCE NOTES: V3.1 Silver Certification

WEBSITE: https://s3.amazonaws.com/c2c-website/Certifications/Shaw_Industries_Group_Inc/Biobased_PU_Resilient_Flooring/Shaw_Bioba_Silve_CERT3489_2018-03-28.pdf

VOC EMISSIONS

Floorscore

CERTIFYING PARTY: SCS Global Services

ISSUE DATE: 09/11/2018

EXPIRY DATE: 09/30/2019

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: All

CERTIFICATE AND COMPLIANCE NOTES:

WEBSITE: https://www.scs-certified.com/products/cert_pdfs/Shaw_2018_SCS-FS-05137_s.pdf



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.

Please see manufacturer recommended adhesive at www.patcraft.com.



Section 5: General Notes



Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Patcraft
ADDRESS:
230 Douthit Ferry Road, Cartersville, GA 30120

CONTACT NAME: Kellie Ballew
TITLE: Sr. Product Sustainability Manager
PHONE: 706-532-2200
EMAIL: kellie.ballew@shawinc.com

WEBSITE: www.patcraft.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)		
BM-U	Benchmark Unspecified (insufficient data to benchmark)	NoGS	Unknown (no data on List Translator Lists)

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 nanoscale 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 note:

-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.