EcoLogix® Tile with Nylon Fiber bv Patcraft

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 23201 CLASSIFICATION: 09 68 00 Carpeting

PRODUCT DESCRIPTION: This HPD represents all carpet tile styles with EcoLogix® backing and Nylon face fiber ranging from 10-50 oz/sy,

including EcoSolution ®, Solution Q®, and Solution Q Extreme® with or without ES adhesive strip.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

C Nested Materials Method

Basic Method

Threshold Disclosed Per

Material

Product

Threshold level

C 100 ppm

⊙ 1,000 ppm C Per GHS SDS

Other

Residuals/Impurities

C Considered

C Partially Considered

Not Considered

Explanation(s) provided for Residuals/Impurities?

Yes ○ No

All Substances Above the Threshold Indicated Are:

Characterized

○ Yes Ex/SC ⊙ Yes ○ No

% weight and role provided for all substances.

Screened

All substances screened using Priority Hazard Lists with

results disclosed.

Identified

○ Yes Ex/SC ○ Yes ⊙ No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

ECOLOGIX® TILE WITH NYLON FIBER [CALCIUM CARBONATE LT-UNK POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ETHENE-1-OCTENE COPOLYMER LT-UNK ALUMINUM TRIHYDRATE (ATH) BM-2 VINYL ACETATE/ETHYLENE COPOLYMER LT-UNK HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED LT-UNK FIBERGLASS LT-UNK **NYLON 6 POLYMER LT-UNK NYLON 6,6 POLYMER LT-UNK** ETHYLENE/HEXANE-1 COPOLYMER LT-UNK MAGNESIUM CARBONATE LT-UNK MODIFIED ACRYLIC BINDER LT-UNK POLY VINYL ALCOHOL LT-UNK QUARTZ (FROM CALCIUM CARBONATE) LT-1 | CAN RESIN ACIDS AND ROSIN ACIDS, ESTERS WITH TRIETHYLENE GLYCOL LT-UNK TRIDECYL ALCOHOL ETHOXYLATE LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT - 1 | CAN | MUL BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE LT-UNK UNDISCLOSED LT - UNK UNDISCLOSED LT - UNK UNDISCLOSED NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0

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

Nanomaterial No.

INVENTORY AND SCREENING NOTES:

All ingredients have been screened against HPD authoritative lists, but not all CAS #'s have been disclosed to protect proprietary formulations.

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: Green Label Plus Multi-attribute: NSF-140 Platinum

Multi-attribute: Cradle to Cradle™ Certified V3.1 Bronze

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

PREPARER: Self-Prepared VERIFIER:

SCREENING DATE: 2020-12-17 PUBLISHED DATE: 2020-12-17

No

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

ECOLOGIX® TILE WITH NYLON FIBER

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: All ingredients at or above 1000 ppm are included in this HPD. Any residuals and impurities below 1000 ppm are below the reporting threshold and are not considered. This is based on information provided to us by our raw material suppliers.

OTHER PRODUCT NOTES:

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 17.0000 - 35.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Filler

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

RAZAND TIPE AGENCT AND LIST TILES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Limestone

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 11.0000 - 35.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Polyester (PET)

ETHENE-1-OCTENE COPOLYMER

ID: 26221-73-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 3.0000 - 10.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

ALUMINUM TRIHYDRATE (ATH)

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 3.0000 - 7.0000 GS: BM-2 RC: None NANO: Unknown SUBSTANCE ROLE: Flame retardant

HAZARD TYPE AGENCY AND LIST TITLES **WARNINGS** No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Mineral-based Flame Retardant

VINYL ACETATE/ETHYLENE COPOLYMER

ID: 24937-78-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 3.0000 - 5.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Adhesive

HAZARD TYPE AGENCY AND LIST TITLES **WARNINGS**

No warnings found on HPD Priority Hazard Lists None found

SUBSTANCE NOTES:

None found

HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED

ID: 69430-35-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 1.0000 - 5.0000 GS: LT-UNK RC: None SUBSTANCE ROLE: Tackifier NANO: Unknown

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

FIBERGLASS ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 1.0000 - 3.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Glass component

HAZARD TYPE AGENCY AND LIST TITLES **WARNINGS**

No warnings found on HPD Priority Hazard Lists None found

SUBSTANCE NOTES:

NYLON 6 POLYMER ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 50.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species

HAZARD TYPE AGENCY AND LIST TITLES **WARNINGS**

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Nylon 6 - EcoSolutionQ contains 25% Pre-consumer recycled content, all other fibers - none

NYLON 6,6 POLYMER ID: 32131-17-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 50.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species None found

AGENCY AND LIST TITLES

WARNINGS

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Nylon 6,6

ETHYLENE/HEXANE-1 COPOLYMER

ID: 25213-02-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

MAGNESIUM CARBONATE ID: 546-93-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Filler

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Limestone

MODIFIED ACRYLIC BINDER ID: 61467-52-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Binder

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

POLY VINYL ALCOHOL ID: 9002-89-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Surfactant

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

QUARTZ (FROM CALCIUM CARBONATE)

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 1.0000 GS: LT-1 RC: None NANO: Unknown SUBSTANCE ROLE: Filler

ID: 14808-60-7

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources		
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)		
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man		
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens		
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]		
CANCER	GHS - Australia	H350i - May cause cancer by inhalation		
SUBSTANCE NOTES: Dog	sidual content from Natural Limestone: No anticinated	route of exposure in finished product		

SUBSTANCE NOTES: Residual content from Natural Limestone; No anticipated route of exposure in finished product

RESIN ACIDS AND ROSIN ACIDS, ESTERS WITH TRIETHYLENE GLYCOL

ID: 8050-25-7

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

TRIDECYL ALCOHOL ETHOXYLATE

ID: 78330-21-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Surfactant

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

UNDISCLOSED ID: 8050-31-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Tackifier

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Adhesive tackifier

UNDISCLOSED

HAZARD SCREENING METHOD:	Toxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2020-12-17		
%: 0.0000 - 1.0000	GS: LT - 1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	Australia - GHS	Carcinogenicity - category 1B		
CANCER	Australia - GHS	Acute toxicity – category 4		
CANCER	Australia - GHS	H350		
CANCER	Australia - GHS	Skin irritation – category 2		
CANCER	Australia - GHS	Reproductive toxicity – category 2		
CANCER	EU - Annex VI CMRs	Carc. 1B		
CANCER	EU - GHS (H-Statements)	H350		
CANCER	EU - REACH Annex XVII CMRs	Entry 28 — Carcinogens: category 1B (Table 3.1)/category 2 (Table 3.2)		
MULTIPLE	ChemSec - SIN List	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)		
MULTIPLE	German FEA - Substances Hazardous to Waters	3	3	

BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE

ID: 25038-32-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 0.2250 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

SUBSTANCE NOTES: Parafinnic Hydrocarbons; No anticipated route of exposure in finished product

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Adhesive Elastomer

UNDISCLOSED

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 0.2000 GS: LT - UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Adhesive primary tackifier

UNDISCLOSED

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 0.1750 GS: LT - UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Adhesive secondary tackifier

UNDISCLOSED

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE: 2020-12-17

%: 0.0000 - 0.1250 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Antistain

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Acrylic Copolymer

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

Green Label Plus

ISSUE DATE: 2004-06-

CERTIFYING PARTY: Carpet & Rug Institute

APPLICABLE FACILITIES: Cartersville, GA; Adairsville, GA

CERTIFICATE URL: https://services.carpet-

rug.org/api/GLPCertificate/9968

CERTIFICATION AND COMPLIANCE NOTES: GLP9968: 14X Pre-dyed Nylon with Amorphous Resin Backing

MULTI-ATTRIBUTE

NSF-140 Platinum

ISSUE DATE: 2018-12-

CERTIFYING PARTY: SCS Global Services

APPLICABLE FACILITIES: Cartersville, GA; Adairsville, GA

CERTIFICATE URL:

https://qmsview.shawinc.com/viewer/doc/4530

CERTIFICATION AND COMPLIANCE NOTES: NSF/ANSI 140 Carpet - Achieved Platinum Level Certification

MULTI-ATTRIBUTE

Cradle to Cradle™ Certified V3.1 Bronze

ISSUE DATE: 2019-10- EXPIRY DATE: 2021-

EXPIRY DATE: 2021-

EXPIRY DATE: 2021-

09-30

08-31

10-17

CERTIFIER OR LAB: UL lab

CERTIFIER OR LAB: Scientific

CERTIFIER OR LAB: Cradle to

Cradle™ Products Innovation

Institute

Certification Systems

CERTIFYING PARTY: McDonough Braungart Design

Chemistry (MBDC)

APPLICABLE FACILITIES: Cartersville, GA; Adairsville, GA

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Achieved V3.1 Bronze Certification



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.

18

SHAW 5100 CARPET TILE ADHESIVE

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Shaw 5100 Carpet Tile Adhesive is approved for use with EcoLogix® Tile installations. Spec: https://gmsview.shawinc.com/viewer/doc/4597 Installation: https://www.patcraft.com/html/accessorieslanding Cradle to Cradle™ Certified V3.1 Silver https://gmsview.shawinc.com/viewer/doc/4484 Green Label Plus Certified: GLP15400 https://services.carpet-rug.org/api/GLPCertificate/15400

Section 5: General Notes

https://www.patcraft.com/html/sustainabilitylanding

MANUFACTURER INFORMATION

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

WEBSITE: https://www.patcraft.com/html/home

CONTACT NAME: Candi Hampton
TITLE: Product Sustainability Manager

PHONE: 706-532-2127

EMAIL: candi.hampton@shawinc.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

CAN Cancer

DEV Developmental toxicity **END** Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple
NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

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)

LT-1 List Translator 1 (Likely Benchmark-1)

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.) **NoGS** No GreenScreen.

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.