

**CLASSIFICATION:** CSI Masterformat 09 68 13

**PRODUCT DESCRIPTION:** This HPD represents all polyester needlebond carpet tile products made with EcoWorx® backing, consisting of walk-off mats and non-woven composite tile flooring products, ranging from 20-60 oz/sy.

## 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

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No  
*% weight and role provided for all substances.*

**Screened**  Yes Ex/SC  Yes  No  
*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**

**NEEDLEBOND POLYESTER FIBER WITH ECOWORX® BACKING [**  
**CALCIUM CARBONATE LT-UNK POLYETHYLENE TEREPHTHALATE LT-UNK**  
**1-OCTENE, POLYMER WITH ETHENE LT-UNK 1,4-**  
**BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-**  
**CYCLOHEXANEDIMETHANOL AND 1,2-ETHANEDIOL NoGS**  
**HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED LT-UNK GLASS,**  
**OXIDE, CHEMICALS LT-UNK | CAN 1-HEXENE, POLYMER WITH ETHENE**  
**LT-UNK 2-PROPENOIC ACID, METHYL ESTER, POLYMER WITH ETHENE**  
**LT-UNK UNDISCLOSED LT-1 | CAN | MUL 2-PROPENOIC ACID, BUTYL**  
**ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-**  
**2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENITRILE LT-UNK**  
**QUARTZ LT-1 | CAN ]**

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: Cradle to Cradle™ Certified V3.1 Bronze

#### 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: 2019-10-07

PUBLISHED DATE: 2019-10-07

EXPIRY DATE: 2022-10-07



## 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### NEEDLEBOND POLYESTER FIBER WITH ECOWORX® BACKING

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:

#### CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-07

#: 25.00 - 50.00

GS: LT-UNK

RC: PreC

NANO: No

ROLE: Backing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Limestone

#### POLYETHYLENE TEREPHTHALATE

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-07

#: 20.00 - 50.00

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Fiber

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: PET

#### 1-OCTENE, POLYMER WITH ETHENE

ID: 26221-73-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-07

#: 5.00 - 15.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Backing

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

SUBSTANCE NOTES:

**1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-CYCLOHEXANEDIMETHANOL AND 1,2-ETHANEDIOL**

ID: 25640-14-6

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-10-07</b>			
%: <b>4.00 - 14.00</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Fiber</b>

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

SUBSTANCE NOTES: **Modified Polyethylene Terephthalate (PET-G)**

**HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED**

ID: 69430-35-9

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-10-07</b>			
%: <b>2.00 - 7.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Backing</b>

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

SUBSTANCE NOTES:

**GLASS, OXIDE, CHEMICALS**

ID: 65997-17-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-10-07</b>			
%: <b>1.00 - 3.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Backing</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
<b>CANCER</b>	<b>EU - GHS (H-Statements)</b>	<b>H351 - Suspected of causing cancer</b>

SUBSTANCE NOTES:

**1-HEXENE, POLYMER WITH ETHENE**

ID: 25213-02-9

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-10-07</b>			
%: <b>0.50 - 2.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Backing</b>

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

## 2-PROPENOIC ACID, METHYL ESTER, POLYMER WITH ETHENE

ID: 25103-74-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-10-07		
%: 0.10 - 1.50	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

## UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-10-07		
%: 0.10 - 1.50	GS: LT-1	RC: None	NANO: No	ROLE: Backing
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer		
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man		
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence		
CANCER	GHS - Australia	H350 - May cause cancer		
SUBSTANCE NOTES: Paraffinic Hydrocarbons, No anticipated route of exposure in finished product				

## 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENITRILE

ID: 61467-52-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-10-07		
%: 0.10 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

**QUARTZ**

ID: **14808-60-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-10-07**

#: **0.00 - 1.00**                      GS: **LT-1**                      RC: **None**                      NANO: **No**                      ROLE: **Backing**

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
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: **Residual Content in Limestone; No Anticipated Route of Exposure in Finished Product**

## 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

CERTIFYING PARTY: **Carpet & Rug Institute**  
ISSUE DATE: **2006-06-05** EXPIRY DATE: **2020-03-31** CERTIFIER OR LAB: **UL Lab**  
APPLICABLE FACILITIES: **Cartersville, GA; Adairsville, GA; Dalton, GA**  
CERTIFICATE URL: <https://services.carpet-rug.org/api/GLPCertificate/0520>  
CERTIFICATION AND COMPLIANCE NOTES: **GLP0520: 38X Pre-dyed Polyester with Amorphous Resin Backing**

### MULTI-ATTRIBUTE

### Cradle to Cradle™ Certified V3.1 Bronze

CERTIFYING PARTY: **McDonough Braungart Design Chemistry (MBDC)**  
ISSUE DATE: **2019-04-19** EXPIRY DATE: **2021-04-18** CERTIFIER OR LAB: **Cradle to Cradle™ Products Innovation Institute**  
APPLICABLE FACILITIES: **Cartersville, GA; Adairsville, GA; Dalton, GA**  
CERTIFICATE URL: <https://qmsview.shawinc.com/viewer/doc/5818>  
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.*

### SHAW 5100 CARPET TILE ADHESIVE

HPD URL: **no hpd available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

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

### LOKDOTS® CARPET TILE ADHESIVE

HPD URL: **no hpd available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

LokDots® Carpet Tile Adhesive is approved for use with EcoWorx® Tile installations. Spec: <https://pdmsview.shawinc.com/viewer/doc/4869> Installation: <https://www.patcraft.com/html/accessorieslanding> Cradle to Cradle™ Certified V3.1 Silver when used in conjunction with EcoWorx® Tile. Green Label Plus Certified: GLP91802 <https://services.carpet-rug.org/api/GLPCertificate/91802>

### LOKWORX® CARPET TILE ADHESIVE

HPD URL: **no hpd available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

LokWorx® Carpet Tile Adhesive is approved for use with EcoWorx® Tile installations. Spec:

<https://qmsview.shawinc.com/viewer/doc/5406> Installation: <https://www.patcraft.com/html/accessorieslanding> Cradle to

Cradle™ Certified V3.1 Silver when used in conjunction with EcoWorx® Tile. Green Label Plus Certified: GLP01642

<https://services.carpet-rug.org/api/GLPCertificate/01642>

## Section 5: General Notes

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



## MANUFACTURER INFORMATION

MANUFACTURER: **Patcraft**

ADDRESS: **230 Douthit Ferry Road  
Cartersville Georgia 30120, USA**

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

CONTACT NAME: **Candi Hampton**

TITLE: **Product Sustainability Manager**

PHONE: **706-532-2171**

EMAIL: **candi.hampton@shawinc.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

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### 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 (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists 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 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.*