

CLASSIFICATION: 09 68 13

PRODUCT DESCRIPTION: THIS HPD REPRESENTS ALL CARPET TILE STYLES WITH ECOWORX® BACKING AND ECO SOLUTION Q NYLON 6 FACE FIBER RANGING FROM 14-40 OZ/SY.

Section 1: Summary

CONTENT INVENTORY

Threshold (per material)

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

- Residuals and impurities considered in X of Y materials
○ see Section 2: Material Notes
○ see Section 5: General Notes

Based on the selected Content Inventory Threshold:

- Characterized..... ☑ Yes ○No
Are the Percent Weight and Role provided for all substances?
Screened..... ☑ Yes ○No
Are all substances screened using Priority Hazard Lists with results disclosed?
Identified..... ○ Yes ☑No
Are all substances disclosed by Name (Specific or Generic) and Identifier?

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;

CALCIUM CARBONATE (limestone) LT - UNK ; NYLON 6 LT - UNK ; ETHENE, 1-OCTENE COPOLYMER LT - UNK ; VINYL ACETATE / ETHYLENE COPOLYMER LT - UNK ; HYDROCARBON RESIN LT - UNK ; FIBERGLASS LT - UNK ; POLYETHYLENE TEREPHTHALATE(PET) LT - UNK RES; ALUMINUM TRIHYDRATE BM - 2 ; QUARTZ BM - 1 CAN; ETHYLENE, 1-HEXANE COPOLYMER LT - UNK ; SILICA BM - 1 CAN; 1,4-BIS(2-ETHYLHEXYL) SODIUM SULFOSUCCINATE LT - UNK ; MODIFIED ACRYLIC BINDER LT - UNK ; TRIDECYL ALCOHOL ETHOXYLATE LT - UNK ; POLYVINYL ALCOHOL LT - UNK ; MAGNESIUM CARBONATE LT - UNK ; LATEX ADDITIVE LT - UNK ; CARBON BLACK BM - 1 CAN; LINEAR LOW DENSITY POLYETHYLENE (LLDPE) LT - UNK ; FIBER COLORANTS (Various) LT - UNK ;

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

Contents highest concern GreenScreen® Benchmark or List Translator Score: BM - 1 (Form-specific hazard only)
Nanomaterial: No

INVENTORY AND SCREENING NOTES

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

Material (g/l):
Regulatory (g/l):
Does the product contain exempt VOCs? No
Are ultra-low VOC tints available? Not Applicable

CERTIFICATIONS AND COMPLIANCE

Multi-attribute: Cradle to Cradle V3.1
VOC Emissions: Green Label Plus (commercial)
See Section 3 for additional listings.



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### CALCIUM CARBONATE (Limestone)

#: 25-45%

GS: LT - UNK

RC: PI

NANO: No

ID: 1317-65-3

ROLE: Backing  
Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

### NYLON 6

#: 0-35%

GS: LT - UNK

RC: PI

NANO: No

ID: 25038-54-4

ROLE: Face  
Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

### ETHENE, 1-OCTENE COPOLYMER

#: 5-15%

GS: LT - UNK

RC: No

NANO: No

ID: 26221-73-8

ROLE: Backing  
Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

### VINYL ACETATE / ETHYLENE COPOLYMER

#: 3-10%

GS: LT - UNK

RC: No

NANO: No

ID: 24937-78-8

ROLE: Latex  
Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

### HYDROCARBON RESIN

#: 3-10%

GS: LT - UNK

RC: No

NANO: No

ID: 67891-77-4

ROLE: Backing  
Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

### FIBERGLASS

#: 3-10%

GS: LT - UNK

RC: No

NANO: No

ID: 65997-17-3

ROLE:  
Reinforcement  
& Backing  
Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**POLYETHYLENE TEREPHTHALATE (PET)**

%: 3-10%

GS: LT - UNK

RC: PC

NANO: No

ID: 25038-59-9

ROLE: Primary  
BackingHAZARDS:  
RESAGENCY(IES) WITH WARNINGS:  
AOEC - Asthmagens

Rs

**ALUMINUM TRIHYDRATE**

%: 1-5%

GS: BM - 2

RC: No

NANO: No

ID: 21645-51-2

ROLE: Flame  
Retardant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**QUARTZ (Residual in CaCO<sub>3</sub>)**

%: 1-5%

GS: BM - 1

RC: PI

NANO: No

ID: 14808-60-7

ROLE: Backing  
Filler ResidualHAZARDS:  
CAN  
CANAGENCY(IES) WITH WARNINGS:  
MAK Carcinogen  
IARCCarc. 1  
1**ETHYLENE, HEXANE-1 COPOLYMER**

%: 1-5%

GS: LT - UNK

RC: No

NANO: No

ID: 25213-02-9

ROLE: Backing  
Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**SILICA (Residual in CaCO<sub>3</sub>)**

%: 1-3%

GS: BM - 1

RC: No

NANO: No

ID: 7631-86-9

ROLE: Backing  
Filler Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**1,4-BIS(2-ETHYLHEXYL) SODIUM SULFOSUCCINATE**

%: 0.1-1%

GS: LT - UNK

RC: No

NANO: No

ID: 577-11-7

ROLE: Latex  
Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**MODIFIED ACRYLIC BINDER**

%: 0.1-1%

GS: LT - UNK

RC: No

NANO: No

ID: 61467-52-5

ROLE:  
Reinforcement  
Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**TRIDECYL ALCOHOL ETHOXYLATE**

%: 0.1-1%

GS: LT - UNK

RC: No

NANO: No

ID: 78330-21-9

ROLE: Latex  
Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**POLYVINYL ALCOHOL**

%: 0.1-1%

GS: LT - UNK

RC: No

NANO: No

ID: 9002-89-5

ROLE: Latex  
Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**MAGNESIUM CARBONATE**

%: 0.1-1%

GS: LT - UNK

RC: No

NANO: No

ID: 546-93-0

ROLE: Filler  
Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**LATEX ADDITIVE**

%: 0.1-1%

GS: LT - UNK

RC: No

NANO: No

ID: UNDISCLOSED

ROLE: Latex  
Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**CARBON BLACK**

%: 0.1-1%

GS: BM - 1

RC: No

NANO: No

ID: 1333-86-4

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CAN

CA Prop 65

cancer

CAN

IARC

2B

**LINEAR LOW DENSITY POLYETHYLENE (LLDPE)**

%: 0.1-1%

GS: LT - UNK

RC: PC

NANO: No

ID: 9002-88-4

ROLE: Backing  
Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**FIBER COLORANTS (Various)**

%: 0%

GS: LT - UNK

RC: No

NANO: No

ID: UNDISCLOSED

ROLE: Fiber  
Colorant

HAZARDS:

AGENCY(IES) WITH WARNINGS:



## 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**

CERTIFYING PARTY: McDonough Braungart Design Chemistry (MBDC)  
EXPIRY DATE: May 20, 2019  
APPLICABLE FACILITIES: ALL

ISSUE DATE: May 21, 2008  
CERTIFIER OR LAB: Cradle to Cradle Product Innovation Institute

CERTIFICATE AND COMPLIANCE NOTES: <http://www.c2ccertified.org/products/scorecard/ecoworx-carpet-tiles>

### **VOC EMISSIONS**

### **Green Label Plus (commercial)**

CERTIFYING PARTY: Carpet and Rug Institute  
EXPIRY DATE: March 31, 2018  
APPLICABLE FACILITIES: Cartersville, Georgia

ISSUE DATE: June 30, 2012  
CERTIFIER OR LAB: UL

CERTIFICATE AND COMPLIANCE NOTES:  
GLP 9968 14X Predyed Nylon with Amorphous Resin Backing @ <http://www.carpet-rug.org/glp-carpet-products.html>



## 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.

### **LOKDOTS CARPET TILE ADHESIVE**

HPD URL: N/A

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Approved for use with EcoWorx® Tile installations. Cradle to Cradle Certified™ V3.1 Silver when used in conjunction with EcoWorx® Tile.

### **SHAW 5000 CARPET TILE ADHESIVE**

HPD URL: N/A

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Approved for use with EcoWorx® Tile installations. Cradle to Cradle Certified™ V3.1 Silver ([http://www.c2ccertified.org/products/scorecard/shaw\\_5000\\_-\\_shaw\\_industries](http://www.c2ccertified.org/products/scorecard/shaw_5000_-_shaw_industries))



## Section 5: General Notes



## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: Shaw Industries Group, Inc.  
ADDRESS:  
1010 V D Parrott Jr. Pkwy, Dalton, GA 30720

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

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

### GreenScreen (GS)

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

**Nano** Composed of nanoscale particles or nanotechnology

### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)  
**Independent Lab** Manufacturer's self-declaration using results from an independent lab  
**Second Party** Verification by trade association or other interested party  
**Third Party** Verification by independent certifier  
**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a “Health Product Declaration,” or “HPD.” 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 Open Standard noted.