

HPD UNIQUE IDENTIFIER: 24299

CLASSIFICATION: 09 68 00 Carpeting

PRODUCT DESCRIPTION: This HPD represents all EcoWorx and EcoWorx Performance broadloom products with Nylon face fiber from 14-42 oz/sy including EcoSolution Q, Solution Q, and Solution Q Extreme.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i> Characterized ☐ Yes Ex/SC ☒ Yes ☐ No <i>% weight and role provided for all substances.</i> Screened ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances screened using Priority Hazard Lists with results disclosed.</i> Identified ☐ Yes Ex/SC ☐ Yes ☒ No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>
☐ Nested Materials Method	☐ 100 ppm	☐ Considered	
☒ Basic Method	☒ 1,000 ppm	☐ Partially Considered	
Threshold Disclosed Per	☐ Per GHS SDS	☒ Not Considered	
☐ Material	☐ Other	Explanation(s) provided for Residuals/Impurities?	
☒ Product		☒ Yes ☐ No	

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

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.

ECOWORX BROADLOOM & ECOWORX PERFORMANCE BROADLOOM

[NYLON 6,6 POLYMER LT-UNK NYLON 6 POLYMER LT-UNK

ALUMINUM TRIHYDRATE (ATH) BM-2 CALCIUM CARBONATE LT-UNK

ETHENE-1-OCTENE COPOLYMER LT-UNK VINYL

ACETATE/ETHYLENE COPOLYMER LT-UNK POLYPROPYLENE LT-UNK

ETHYLENE/HEXANE-1 COPOLYMER LT-UNK HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED LT-UNK UNDISCLOSED NoGS

TRIDECYL ALCOHOL ETHOXYLATE LT-UNK SODIUM CARBONATE LT-UNK | EYE QUARTZ (FROM CALCIUM CARBONATE) LT-1 | CAN POLY

VINYL ALCOHOL LT-UNK PARAFFIN WAXES (PETROLEUM), HYDROTREATED LT-UNK HYDROCARBON WAXES (PETROLEUM), HYDROTREATED MICROCRYST. LT-UNK MAGNESIUM CARBONATE LT-UNK UNDISCLOSED LT-UNK]

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 Silver

Multi-attribute: NSF-140 Gold

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2021-01-12
☐ Yes	VERIFIER:	PUBLISHED DATE: 2021-04-06
☒ No	VERIFICATION #:	EXPIRY DATE: 2024-01-12

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

ECOWORX BROADLOOM & ECOWORX PERFORMANCE BROADLOOM

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: NA

NYLON 6,6 POLYMER

ID: 32131-17-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-12 16:11:24

?: 30.0000 - 60.0000

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 6,6

NYLON 6 POLYMER

ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-12 16:11:24

?: 30.0000 - 60.0000

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

ALUMINUM TRIHYDRATE (ATH)

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-12 16:11:24

?: 5.0000 - 20.0000

GS: BM-2

RC: None

NANO: Unknown

SUBSTANCE ROLE: Flame retardant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Mineral-based flame retardant

CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-12 16:11:25

?: 5.0000 - 20.0000

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		

ETHENE-1-OCTENE COPOLYMER

ID: 26221-73-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:25		
%: 5.0000 - 15.0000		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:				

VINYL ACETATE/ETHYLENE COPOLYMER

ID: 24937-78-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:25		
%: 5.0000 - 8.0000		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:				

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:25		
%: 3.0000 - 11.0000		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:				

ETHYLENE/HEXANE-1 COPOLYMER

ID: 25213-02-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:25		
%: 1.0000 - 5.0000		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:				

HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED

ID: 69430-35-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:26		
%: 1.0000 - 5.0000	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:		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-01-12 16:09:28	
%: 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			

TRIDECYL ALCOHOL ETHOXYLATE

ID: 78330-21-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:27		
%: 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:				

SODIUM CARBONATE

ID: 497-19-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:27	
%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: Unknown SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation	
SUBSTANCE NOTES:			

QUARTZ (FROM CALCIUM CARBONATE)

ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:27	
?: 0.0000 - 1.0000	GS: LT-1	RC: None	NANO: Unknown
SUBSTANCE ROLE: Filler			

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

POLY VINYL ALCOHOL

ID: 9002-89-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:27		
%: 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:				

PARAFFIN WAXES (PETROLEUM), HYDROTREATED

ID: 64742-51-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:26		
%: 0.0000 - 1.0000		GS: LT-UNK		RC: None NANO: Unknown SUBSTANCE ROLE: Surface modifier
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

HYDROCARBON WAXES (PETROLEUM), HYDROTREATED MICROCRYST.

ID: 64742-60-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:26		
%: 0.0000 - 1.0000		GS: LT-UNK		RC: None NANO: Unknown SUBSTANCE ROLE: Surface modifier
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:26		
%: 0.0000 - 2.0000	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:				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-12 16:11:26		
%: 0.0000 - 3.0000	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				

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: 2004-06-15	EXPIRY DATE: 2021-09-30	CERTIFIER OR LAB: UL lab
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		Cradle to Cradle™ Certified V3.1 Silver	
CERTIFYING PARTY: McDonough Braungart Design Chemistry	ISSUE DATE: 2019-04-16	EXPIRY DATE: 2021-05-20	CERTIFIER OR LAB: Cradle to Cradle™ Products Innovation Institute
APPLICABLE FACILITIES: Cartersville, GA			
CERTIFICATE URL: https://qmsview.shawinc.com/viewer/doc/4473			
CERTIFICATION AND COMPLIANCE NOTES: Achieved V3.1 Silver Certification			
MULTI-ATTRIBUTE		NSF-140 Gold	
CERTIFYING PARTY: SCS Global Services	ISSUE DATE: 2018-09-01	EXPIRY DATE: 2021-11-30	CERTIFIER OR LAB: Scientific Certification Systems
APPLICABLE FACILITIES: Cartersville, GA			
CERTIFICATE URL: https://qmsview.shawinc.com/viewer/doc/4533			
CERTIFICATION AND COMPLIANCE NOTES: NSF/ANSI 140 Carpet - Achieved Gold Level Certification EcoWorx Broadloom certificate: https://qmsview.shawinc.com/viewer/doc/4529			

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 3600 CARPET ADHESIVE	HPD URL: no hpd available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: http://www.patcraft.com/html/AccessoriesLanding Shaw 3600 Adhesive is approved for use with EcoWorx® Broadloom and EcoWorx® Performance Broadloom installations. Spec: https://qmsview.shawinc.com/viewer/doc/952 Green Label Plus Certified: GLP60112 https://services.carpet-rug.org/api/GLPCertificate/60112	

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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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.