

100%Nylon Solution Dyed Machined Tufted with EcoSquare Backing by Carpets International Thailand Public Company Limited

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 68 00

PRODUCT DESCRIPTION: All styles and colors of nylon solution dyed machined tufted with EcoSquare backing manufactured in Carpets International Thailand Public Company Limited.

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
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** | **RESIDUAL OR IMPURITY**
GREENSCREEN SCORE | **HAZARD TYPE**

100%NYLON SOLUTION DYED MACHINED TUFTED WITH ECOSQUARE
BACKING [LIMESTONE; CALCIUM CARBONATE (POST-CONSUMER)
(LIMESTONE; CALCIUM CARBONATE (POST-CONSUMER)) LT-UNK
POLYVINYL CHLORIDE (PVC) (POLYVINYL CHLORIDE (PVC)) LT-P1 | RES
DIISONONYL PHTHALATE (DINP-2 OR DINP-3, MIXTURE OF ISOMERS AS
MANUFACTURED) (DIISONONYL PHTHALATE (DINP-2 OR DINP-3,
MIXTURE OF ISOMERS AS MANUFACTURED)) BM-1 | CAN | END | DEL |
MUL | REP POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER
RECYCLED) (POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER
RECYCLED)) LT-UNK ETHYLENE VINYL ACETATE POLYMER (EVA) LT-
UNK SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) (SOLID
GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)) LT-UNK | CAN
NYLON 6 (WITH STAIN RESISTANCE) (NYLON 6 (WITH STAIN
RESISTANCE)) LT-UNK NYLON 6,6 (WITH STAIN RESISTANCE) LT-UNK]

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

Contents highest concern GreenScreen
Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

As included in the finish of product, none of materials identified with " Hazard
Type".

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: CRI Green Label Plus - Carpets
Multi-attribute: SGLS Singapore Green Labelling Scheme

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: 2017-10-25

PUBLISHED DATE: 2020-05-13

EXPIRY DATE: 2020-10-25



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

100%NYLON SOLUTION DYED MACHINED TUFTED WITH ECOSQUARE BACKING

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED:
No

RESIDUALS AND IMPURITIES NOTES: As included in the finished product, none of the materials identified with a "Hazard Type"

OTHER PRODUCT NOTES: VOC content data is not applicable for this product category.

LIMESTONE; CALCIUM CARBONATE (POST-CONSUMER) (LIMESTONE; CALCIUM CARBONATE (POST-CONSUMER))

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2017-10-25

#: 45.00 - 54.00

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: Filler in EcoSquare bacing

POLYVINYL CHLORIDE (PVC) (POLYVINYL CHLORIDE (PVC))

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2017-10-25

#: 11.00 - 13.60

GS: LT-P1

RC: None

NANO: No

ROLE: Backing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagen

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: EcoSquare backing

DIISONONYL PHTHALATE (DINP-2 OR DINP-3, MIXTURE OF ISOMERS AS MANUFACTURED) (DIISONONYL PHTHALATE (DINP-2 OR DINP-3, MIXTURE OF ISOMERS AS MANUFACTURED))

ID: 28553-12-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2017-10-25

%: **11.00 - 15.60**

GS: **BM-1**

RC:
None

NANO:
No

ROLE:
Backing

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	CA EPA - Prop 65	Carcinogen
ENDOCRINE	EU - Priority Endocrine Disrupters	Category 2 - In vitro evidence of biological activity related to Endocrine Disruption
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Some Evidence of Adverse Effects - Developmental Toxicity
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects

SUBSTANCE NOTES: **EcoSquare backing**

POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED) (POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED))

ID: **25038-59-9**

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

HAZARD SCREENING DATE: **2017-10-25**

%: **2.50 - 3.00**

GS: **LT-UNK**

RC:
Both

NANO:
No

ROLE:
Backing

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

SUBSTANCE NOTES: **Primary backing**

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: **24937-78-8**

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

HAZARD SCREENING DATE: **2017-10-25**

%: **2.00 - 3.00**

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: **Adhesive**

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) (SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS))

ID: **65997-17-3**

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

HAZARD SCREENING DATE: **2017-10-25**

#: **1.40 - 1.60**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Backing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: Reinforcement in EcoSquare backing

NYLON 6 (WITH STAIN RESISTANCE) (NYLON 6 (WITH STAIN RESISTANCE))

ID: **25038-54-4**

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

HAZARD SCREENING DATE: **2017-10-25**

#: **0.00 - 26.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Yarn**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Face yarn**

NYLON 6,6 (WITH STAIN RESISTANCE)

ID: **32131-17-2**

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

HAZARD SCREENING DATE: **2017-10-25**

#: **0.00 - 26.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Yarn**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Face yarn**

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

CRI Green Label Plus - Carpets

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2010-**

EXPIRY DATE:

CERTIFIER OR LAB: **CRI - The**

APPLICABLE FACILITIES: **Predyed Nylon with PVC Backing**

01-18

2018-09-30

Carpet and Rug Institute

CERTIFICATE URL: <http://webservices.carpet-rug.org/web/api/glpCertificate/export?url=%2F%2Fwww1.carpet-rug.org%2FGreen-Label-Plus%2FGLP-Certificate.aspx%3Fapi%3DglpCarpet%26seqn%3D493>

CERTIFICATION AND COMPLIANCE NOTES: **Range Of Total VOCs: 0.5 mg/m³ or less**

MULTI-ATTRIBUTE

SGLS Singapore Green Labelling Scheme

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2017-**

EXPIRY DATE: **2018-**

CERTIFIER OR LAB: **Singapore**

APPLICABLE FACILITIES: **Environmentally Preferred Carpet**

05-17

05-16

Environment Council

CERTIFICATE URL: https://www.sgls.sec.org.sg/sgl-directory.php?search_w=&pc_id=39&pos=1

CERTIFICATION AND COMPLIANCE NOTES: **All styles and colors of Nylon Solution Dyed Machined Tufted with EcoSquare backing.**

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.

No accessories are required for this product.

Section 5: General Notes

As included in the finished product , none of materials identified with "Hazard Type"



MANUFACTURER INFORMATION

MANUFACTURER: Carpets International Thailand Public Company Limited

ADDRESS: 80 Moo.1 Patumthani- Bangbuathong Rd, Tambol Bangkoowat Muang Patumthani 12000, Thailand

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CONTACT NAME: Narupat Kuptiyanuwat

TITLE: Asst R&D Mgr

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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.