

100% Nylon Solution dyed Machined tufted with EcoSoft 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 EcoSoft Backing manufactured in Carpets International Thailand Public Company Limited. EcoSoft is new environmentally friendly product that made from discarded PET drinking water bottles. EcoSoft is engineered to absorb destructive impact from high foot traffic, reducing fibre crush and wear and tear. Using EcoSoft cushion instead of conventional PVC of bitumen backing can also reduce noise levels.

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 ECOSOFT
BACKING [POLYETHYLENE TEREPHTHALATE (PET) (USE CASRN 25038-
59-9) NoGS ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE) BM-2 | RES
LIMESTONE; CALCIUM CARBONATE LT-UNK STYRENE BUTADIENE
RUBBER (SBR) LT-UNK 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 ... LT-UNK
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

As included in the finished product, none of the materials identified with a "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: NSF/ANSI 140-2007e - Gold
Multi-attribute: SGLS Singapore Green Labelling Scheme
Multi-attribute: Singapore Green Building Product Labelling Scheme
Certificate

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1 and Option 2

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-02-26

PUBLISHED DATE: 2020-05-13

EXPIRY DATE: 2022-02-26



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 ECOSOFT BACKING

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: None of the materials identified with a "Hazard Type"

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

POLYETHYLENE TEREPHTHALATE (PET) (USE CASRN 25038-59-9)

ID: 25748-37-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-26

#: 27.00 - 32.00

GS: NoGS

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: EcoSoft backing

ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE)

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-26

#: 17.50 - 23.50

GS: BM-2

RC: None

NANO: No

ROLE: Backing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Flame retardant in adhesive backing

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-26

#: 13.00 - 17.50

GS: LT-UNK

RC: None

NANO: No

ROLE: Backing

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

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-26

#: 11.00 - 18.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: Adhesive coating

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: 2019-02-26

#: 0.00 - 25.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Yarn
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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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: 2019-02-26

#: 0.00 - 25.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Yarn
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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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: **2007-08-08** EXPIRY DATE: **2020-05-31** CERTIFIER OR LAB: **CRI - The Carpet and Rug Institute**
APPLICABLE FACILITIES: **Predyed Nylon with SB Latex Unitary Backing**
CERTIFICATE URL: <https://services.carpet-rug.org/api/GLPCertificate/7543>

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

MULTI-ATTRIBUTE

NSF/ANSI 140-2007e - Gold

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2015-05-05** EXPIRY DATE: **2021-12-31** CERTIFIER OR LAB: **NSF**
APPLICABLE FACILITIES: **Nylon Machine Tufted Cushion Backed Tile All patterns and colors**
CERTIFICATE URL: <http://info.nsf.org/Certified/Sustain/ProdCert/C0029503-106.pdf>

CERTIFICATION AND COMPLIANCE NOTES: **As complying with Certification for NSF/ANSI 140-2015 – Sustainability Assessment for Carpet Standard and all applicable requirements for achievement of: Gold Certification**

MULTI-ATTRIBUTE

SGLS Singapore Green Labelling Scheme

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2017-03-12** EXPIRY DATE: **2022-03-11** CERTIFIER OR LAB: **Singapore Environment Council**
APPLICABLE FACILITIES: **Nylon Solution dyed Machined tufted with EcoSoft backing All colors and designs.**
CERTIFICATE URL: <https://www.sgls.sec.org.sg/sgl-directory-product.php?pid=1805>

CERTIFICATION AND COMPLIANCE NOTES: **Environmentally Preferred Carpet**

MULTI-ATTRIBUTE

Singapore Green Building Product Labelling Scheme Certificate

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2017-09-26** EXPIRY DATE: **2021-06-25** CERTIFIER OR LAB: **SGBC**
APPLICABLE FACILITIES: **Nylon EcoSoft Tile**
CERTIFICATE URL: <https://web.sgbc.online/public/product/search>

CERTIFICATION AND COMPLIANCE NOTES: **Building products are assessed on their environmental properties and performance through a comprehensive list of assessment criteria covering the five key areas of Energy Efficiency, Water Efficiency, Resource Efficiency, Health & Environmental Protection and Other Green Features.**

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 the materials identified with a "Hazard Type"



MANUFACTURER INFORMATION

MANUFACTURER: Carpets International Thailand Public Company Limited

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

WEBSITE: www.carpetsinter.com

CONTACT NAME: Narupat Kuptiyanuwat

TITLE: Asst R&D Mgr

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EMAIL: narupat@carpetsinter.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

