

HPD UNIQUE IDENTIFIER: 21481

CLASSIFICATION: 09 68 13 Tile Carpeting

PRODUCT DESCRIPTION: Axminster is made up of a fiber blend of 80% Wool and 20% nylon. Backings for axminster carpets consist of yarns called stuffers that are interwoven with the face yarn during the construction process. Since the yarns are interlocked components of the carpet with EcoSoft backing for good cushion performance. This HPD cover all styles and colors of 80%Wool and 20% Nylon Axminster EcoSoft Tile 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
- 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

80%WOOL, 20%NYLON AXMINSTER ECOSOFT TILE- ROYAL THAI [SHEEPS WOOL NoGS POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED) LT-UNK CALCIUM CARBONATE (PRIMARY CASRN IS 471-34-1) BM-3 POLYPROPYLENE LT-UNK VINYL CHLORIDE-VINYL ACETATE COPOLYMERS (PRIMARY CASRN IS 9003-22-9) LT-UNK NYLON 6,6 (WITH STAIN RESISTANCE) LT-UNK LIMESTONE; CALCIUM CARBONATE LT-UNK ETHYLENE VINYL ACETATE POLYMER (EVA) LT-UNK DIISONONYL PHTHALATE (DINP-2 OR DINP-3, MIXTURE OF ISOMERS AS MANUFACTURED) BM-1 | CAN | END | DEV | MUL | REP POLYETHYLENE TEREPHTHALATE (PET) LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 1

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

INVENTORY AND SCREENING NOTES:

As include in the finished 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

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: 2020-08-19

PUBLISHED DATE: 2020-08-20

EXPIRY DATE: 2023-08-19



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

80%WOOL, 20%NYLON AXMINSTER ECOSOFT TILE- ROYAL THAI

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

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

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

SHEEPS WOOL

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-19

?: 20.5000 - 30.0000

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Textile component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: natural fiber

POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-19

?: 13.6500 - 18.7500

GS: LT-UNK

RC: PostC

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Secondary Backing

CALCIUM CARBONATE (PRIMARY CASRN IS 471-34-1)

ID: 114453-69-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-19

?: 10.0000 - 12.5000

GS: BM-3

RC: PreC

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Filler in PVC compound

POLYPROPYLENE

ID: 9003-07-0

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

HAZARD SCREENING DATE: **2020-08-19**

#: **7.5000 - 8.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Textile component**

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: primary backing

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS (PRIMARY CASRN IS 9003-22-9)

ID: 34149-92-3

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

HAZARD SCREENING DATE: **2020-08-19**

#: **6.5000 - 8.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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: PVC copolymer for Binder

NYLON 6,6 (WITH STAIN RESISTANCE)

ID: 32131-17-2

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

HAZARD SCREENING DATE: **2020-08-19**

#: **5.0000 - 7.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Textile component**

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 fiber to blend with wool fiber

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

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

HAZARD SCREENING DATE: **2020-08-19**

#: **4.6500 - 5.7500** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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 coating

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

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

HAZARD SCREENING DATE: **2020-08-19**

#: **4.6500 - 5.7500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Adhesive**

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

SUBSTANCE NOTES: **Adhesive**

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: **2020-08-19**

#: **4.5000 - 6.0000**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	CA EPA - Prop 65	Carcinogen
ENDOCRINE	EU - Priority Endocrine Disruptors	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: **Plasticizer**

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

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

HAZARD SCREENING DATE: **2020-08-19**

#: **3.7500 - 4.1500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Textile component**

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

SUBSTANCE NOTES: **primary backing**

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: **2014-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **CRI - The**

APPLICABLE FACILITIES: **Pre-dyed Wool with EVA**

10-16

12-31

Carpet and Rug Institute

Backing

CERTIFICATE URL: <https://services.carpet-rug.org/api/GLPCertificate/0104>

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

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 Pathum-Bangbuatong Rd. Tambol Bangkoowat Muang Pathumthani 12000, THAILAND**
 WEBSITE: **www.royalthai.com**

CONTACT NAME: **Narupat Kuptiyanuwat**
 TITLE: **Asst. R&D Manager**
 PHONE: **+ 66(0)2976-0123**
 EMAIL: **narupat@carpetsinter.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)	NoGS No GreenScreen.
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)	

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.