

Tufted Broadloom Carpet on Weldlok by Mohawk Group

Health Product Declaration v2.1

CLASSIFICATION: 09 68 20 Carpeting - Broadloom Carpeting

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Mohawk Group Commercial Nylon Broadloom Carpet on Weldlok has a composite construction that includes a nylon face fiber, primary backing, composite rubber latex, and a reinforced woven synthetic secondary backing. Tufted Broadloom Carpet on Weldlok is Living Building Challenge Red List Free.

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

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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

TUFTED BROADLOOM CARPET ON WELDLOK [LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE) **LT-UNK** STYRENE BUTADIENE RUBBER (SBR) (STYRENE BUTADIENE RUBBER (SBR)) **LT-UNK** POLYPROPYLENE (POLYPROPYLENE) **LT-UNK** NYLON 6,6 (NYLON 6,6) **LT-UNK** NYLON 6 (NYLON 6) **LT-UNK** 2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE (2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE) **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:

All inventory reported to threshold.

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
Other: ILFI Declare - Red List Free
Multi-attribute: NSF/ANSI 140-2007e - Gold
Recycled content: UL Environmental Claim Validation - Recycled content

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-10-30
PUBLISHED DATE: 2017-10-31
EXPIRY DATE: 2020-10-30

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, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

TUFTED BROADLOOM CARPET ON WELDLOK

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on best practices of raw material suppliers, MHK's EHS policies, and enrollment in CRI's GLP program for IAQ.

OTHER PRODUCT NOTES: Mohawk's EHS policies considered for each raw material residual and impurity. The residuals have been evaluated to California Department of Public Health Version 1.1

LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE)

ID: 1317-65-3

#: 27.0000 - 47.0000 GS: LT-UNK RC: PreC NANO: No ROLE: Coating Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Coating Filler

STYRENE BUTADIENE RUBBER (SBR) (STYRENE BUTADIENE RUBBER (SBR))

ID: 9003-55-8

#: 5.0000 - 15.0000 GS: LT-UNK RC: None NANO: No ROLE: Coating SBR

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Latex used in back coating.

POLYPROPYLENE (POLYPROPYLENE)

ID: 9003-07-0

#: 5.0000 - 10.0000 GS: LT-UNK RC: PostC NANO: No ROLE: Backing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The primary and secondary backings include a small amount of post-consumer content.

NYLON 6,6 (NYLON 6,6)ID: **32131-17-2**

#: 0.0000 - 53.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Face Fiber
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Pattern and construction causes the percentage to differ in certain styles and this face fiber may be combined with Nylon 6 face fiber containing pre-consumer recycled content for styling and design purposes.

NYLON 6 (NYLON 6)ID: **25038-54-4**

#: 0.0000 - 53.0000	GS: LT-UNK	RC: PreC	NANO: No	ROLE: Face Fiber
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Face Fiber with pre-consumer recycled content may be combined with Nylon 6,6 fibers for styling and design purposes.

2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE (2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE)ID: **25322-99-0**

#: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Yarn Treatment
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Yarn Treatment

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: 2004-10-28
APPLICABLE FACILITIES: All locations	EXPIRY DATE: 2017-12-31
CERTIFICATE URL: http://www.mohawkgroup.com	CERTIFIER OR LAB: CRI
CERTIFICATION AND COMPLIANCE NOTES: Green Label Plus	

OTHER	ILFI Declare - Red List Free
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2016-11-
Tufted Broadloom Carpet on Weldlok hpdrepository.hpd-collaborative.org	EXPIRY DATE: 2018-
	CERTIFIER OR LAB: ILFI

CERTIFICATE URL:

<https://www.mohawkgroup.com/sustainability/product-transparency>

CERTIFICATION AND COMPLIANCE NOTES: Red List Free

MULTI-ATTRIBUTE**NSF/ANSI 140-2007e - Gold**

CERTIFYING PARTY: Third Party

ISSUE DATE: 2011-08-

EXPIRY DATE: 2018-

CERTIFIER OR LAB: NSF

APPLICABLE FACILITIES: Chatsworth GA

25

12-31

CERTIFICATE URL: <http://www.mohawkgroup.com>

CERTIFICATION AND COMPLIANCE NOTES: NSF140

RECYCLED CONTENT**UL Environmental Claim Validation - Recycled content**

CERTIFYING PARTY: Third Party

ISSUE DATE: 2015-04-

EXPIRY DATE: 2018-

CERTIFIER OR LAB: UL

APPLICABLE FACILITIES: Chatsworth GA

03

04-03

CERTIFICATE URL: <http://www.mohawkgroup.com>

CERTIFICATION AND COMPLIANCE NOTES: Tufted Broadloom Carpet on Weldlok contains an average of 46% pre-consumer recycled content.

LCA**Environmental Product Declaration (EPD) by UL - Industry Generic**

CERTIFYING PARTY: Third Party

ISSUE DATE: 2014-01-

EXPIRY DATE: 2019-

CERTIFIER OR LAB: UL

APPLICABLE FACILITIES: Chatsworth GA

21

01-21

CERTIFICATE URL: <http://www.mohawkgroup.com>

CERTIFICATION AND COMPLIANCE NOTES: A Life Cycle Analysis (LCA) was performed and Peer Reviewed against ISO 14040-14044 to insure all requirements were met. The NSF Product Category Rules were utilized as a basis for the Environmental Product Declaration (EPD), the Underwriters Laboratory (UL) was chosen as the Program Operator. The EPD was reviewed and approved by UL prior to publishing on their website.

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.

MOHAWK NUBROADLOK PREMIUM MULTI-PURPOSE ADHESIVE

HPD URL: <http://www.mohawkgroup.com>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The use of Mohawk Group branded adhesives for installation is required to ensure optimum results and are the only approved adhesives warranted by Mohawk Group. Failure to use Mohawk Group branded adhesives will result in warranties being null and void. NuBroadlok® Premium Multi-Purpose Adhesive is specially designed to install all Mohawk Group broadloom products. NuBroadlok® Premium Multi-Purpose Adhesive is non-flammable and has low odor and low VOC's which makes it ideal for use in schools, health care facilities, public buildings, and anywhere odor is a concern. NuBroadlok® Premium Multi-Purpose Adhesive is CRI Green Label Plus™ approved and meets or exceeds California SCQAMD Rule 1168.

Section 5: General Notes

The woven synthetic backing is laminated to our Mohawk Group products utilizing premium composite rubber latex compounds. These compounds are designed to encapsulate and penetrate the carpet back stitch, while a second compound secures the secondary backing to the carpet substrate for a cost effective backing system.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Mohawk Group**

ADDRESS: **160 South Industrial Blvd
Calhoun GA 30701, USA**

WEBSITE: **<http://www.mohawkind.com>**

CONTACT NAME: **George Bandy**

TITLE: **Vice President of Sustainability**

PHONE: **706-629-7721**

EMAIL: **george_bandy@mohawkind.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 HPD and for compliance with the HPD standard noted.