

HPD UNIQUE IDENTIFIER: 22790

CLASSIFICATION: 09 68 00 Carpeting

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

<p><b>Inventory Reporting Format</b></p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold level</b></p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p><b>Residuals/Impurities</b></p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p><b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p><b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p><b>Identified</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances disclosed by Name (Specific or Generic) and Identifier.</i></p>
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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 LT-UNK STYRENE BUTADIENE RUBBER (SBR) (STYRENE BUTADIENE RUBBER (SBR)) LT-UNK POLYPROPYLENE LT-UNK NYLON 6,6 LT-UNK NYLON 6 LT-UNK 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: 2020-11-02

PUBLISHED DATE: 2020-11-02

EXPIRY DATE: 2023-11-02

## 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](http://www.hpd-collaborative.org/hpd-2-2-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 1.2

#### LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-02

#: 27.0000 - 47.0000 GS: LT-UNK 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: Coating Filler

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

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-02

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

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

SUBSTANCE NOTES: Latex used in back coating.

#### POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-02

#: 5.0000 - 10.0000 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: The primary and secondary backings include a small amount of post-consumer content.

#### NYLON 6,6

ID: 32131-17-2

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-11-02</b>	
%: <b>0.0000 - 53.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Textile component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
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** ID: **25038-54-4**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-11-02</b>	
%: <b>0.0000 - 53.0000</b>	GS: <b>LT-UNK</b>	RC: <b>PreC</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Textile component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
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** ID: **25322-99-0**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-11-02</b>	
%: <b>0.0000 - 1.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Surfactant</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
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-	EXPIRY DATE:	CERTIFIER OR LAB: CRI
APPLICABLE FACILITIES: All locations	28		
CERTIFICATE URL: <a href="http://www.mohawkgroup.com">http://www.mohawkgroup.com</a>			
CERTIFICATION AND COMPLIANCE NOTES: Green Label Plus			

OTHER	ILFI Declare - Red List Free		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2016-11-	EXPIRY DATE: 2018-	CERTIFIER OR LAB: ILFI
APPLICABLE FACILITIES: All facilities	01	11-01	
CERTIFICATE URL: <a href="https://www.mohawkgroup.com/sustainability/product-transparency">https://www.mohawkgroup.com/sustainability/product-transparency</a>			
CERTIFICATION AND COMPLIANCE NOTES: Red List Free			

MULTI-ATTRIBUTE	NSF/ANSI 140-2007e - Gold		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2009-07-	EXPIRY DATE:	CERTIFIER OR LAB: NSF
APPLICABLE FACILITIES: Chatsworth GA	13		
CERTIFICATE URL: <a href="http://www.mohawkgroup.com">http://www.mohawkgroup.com</a>			
CERTIFICATION AND COMPLIANCE NOTES: NSF140			

RECYCLED CONTENT	UL Environmental Claim Validation - Recycled content		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2015-04-	EXPIRY DATE:	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Chatsworth GA	03		
CERTIFICATE URL: <a href="http://www.mohawkgroup.com">http://www.mohawkgroup.com</a>			
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: 2019-10-	EXPIRY DATE: 2024-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Chatsworth GA	01	08-12	
CERTIFICATE URL: <a href="http://www.mohawkgroup.com">http://www.mohawkgroup.com</a>			
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: <a href="http://www.mohawkgroup.com">http://www.mohawkgroup.com</a>
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#### 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.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Mohawk Group  
**ADDRESS:** 160 South Industrial Blvd  
 Calhoun GA 30701, USA  
**WEBSITE:** <http://www.mohawkind.com>

**CONTACT NAME:** Robert Marshall  
**TITLE:** Director, Sustainable Development  
**PHONE:** 706-624-8560  
**EMAIL:** [robert\\_marshall@mohawkind.com](mailto:robert_marshall@mohawkind.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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> 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.*