

# Broadloom Carpet on Weldlok Unitary 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 Unitary Backing is engineered for commercial constructions. Our Weldlok Unitary backing utilizes a high performance thermoset adhesive and has a composite construction that includes a nylon face fiber, primary backing, and a high strength adhesive backing. The Commercial Broadloom Carpet with Nylon on Weldlok Unitary is also Living Building Challenge Red List Free. Weldlok Unitary is ideal for high performance environments.

## 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.

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.

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

BROADLOOM CARPET ON WELDLOK UNITARY [ LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE) **LT-UNK** STYRENE BUTADIENE RUBBER (SBR) (STYRENE BUTADIENE RUBBER (SBR)) **LT-UNK** POLYPROPYLENE (POLYPROPYLENE) **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** NYLON 6,6 (NYLON 6,6) **LT-UNK** ]

### 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  
Recycled content: UL Environmental Claim Validation - Recycled content  
Multi-attribute: NSF/ANSI 140-2007e - Gold  
LCA: Environmental Product Declaration (EPD) by UL - Industry Generic

### 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### BROADLOOM CARPET ON WELDLOK UNITARY

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

#: 15.0000 - 30.0000 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

#: 10.0000 - 20.0000 GS: LT-UNK RC: None NANO: No ROLE: Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Coating Compound

#### POLYPROPYLENE (POLYPROPYLENE)

ID: 9003-07-0

#: 5.0000 - 10.0000 GS: LT-UNK RC: None NANO: No ROLE: Primary Backing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Primary Backing

**NYLON 6 (NYLON 6)**

ID: 25038-54-4

#: <b>0.0000 - 55.0000</b>	GS: <b>LT-UNK</b>	RC: <b>PreC</b>	NANO: <b>No</b>	ROLE: <b>Face Fiber</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority 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 (2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE)**

ID: 25322-99-0

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

SUBSTANCE NOTES: Yarn Treatment

**NYLON 6,6 (NYLON 6,6)**

ID: 32131-17-2

#: <b>0.0000 - 55.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Face Fiber</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority 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 content for styling and design purposes.

**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.

<b>VOC EMISSIONS</b>	<b>CRI Green Label Plus - Carpets</b>		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2004-10-	EXPIRY DATE: 2017-	CERTIFIER OR LAB: CRI
APPLICABLE FACILITIES: All facilities	28	11-14	
CERTIFICATE URL: <a href="http://www.carpet-rug.org/glp-carpet-products.html">http://www.carpet-rug.org/glp-carpet-products.html</a>			
CERTIFICATION AND COMPLIANCE NOTES: CRI Green Label Plus Certification			

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

CERTIFYING PARTY: Third Party  
ISSUE DATE: 2015-04-03 EXPIRY DATE: 2018-11-28 CERTIFIER OR LAB: UL  
APPLICABLE FACILITIES: Chatsworth GA  
CERTIFICATE URL: <https://spot.ulprospector.com/en/na/BuiltEnvironment>  
CERTIFICATION AND COMPLIANCE NOTES: Tufted Nylon Broadloom carpet on Weldlok® Unitary contains an average of 36% pre-consumer recycled content.

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

CERTIFYING PARTY: Third Party  
ISSUE DATE: 2011-08-25 EXPIRY DATE: 2018-12-31 CERTIFIER OR LAB: NSF  
APPLICABLE FACILITIES: Chatsworth GA  
CERTIFICATE URL: <http://www.mohawkgroup.com>

CERTIFICATION AND COMPLIANCE NOTES: Tufted Nylon Broadloom carpet on Weldlok Unitary contains an average of 36% pre-consumer recycled content.

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

CERTIFYING PARTY: Third Party  
ISSUE DATE: 2014-01-21 EXPIRY DATE: 2019-01-21 CERTIFIER OR LAB: Underwriters Laboratory  
APPLICABLE FACILITIES: Chatsworth GA  
CERTIFICATE URL: <https://spot.ulprospector.com/en/na/BuiltEnvironment>

CERTIFICATION AND COMPLIANCE NOTES: 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 nonflammable 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.

## + Section 5: General Notes

The Backing of our Mohawk Group products utilizes a premium composite rubber latex compound. These compounds are designed to encapsulate and penetrate the carpet back stitch, for a cost effective high performance backing system.

## 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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<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>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

## GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

## 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

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*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.*