

HPD UNIQUE IDENTIFIER: 25500

CLASSIFICATION: 09 68 16 Sheet Carpeting

PRODUCT DESCRIPTION: Mannington's broadloom backing, UltraBac® RE, affords both environmental and performance attributes.

UltraBac® RE contains a minimum of 10% post-consumer recycled content by total product weight and is certified NSF/ANSI-140 Gold. All products on UltraBac® RE are backed with a lifetime non-prorated warranty to not edge ravel, zipper or delaminate.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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 ... 3

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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

ULTRABAC® RE BROADLOOM CARPET [ NYLON 6,6 LT-UNK  
CALCIUM CARBONATE LT-UNK BUTADIENE, STYRENE, ITACONIC  
ACID POLYMER LT-UNK POLYPROPYLENE LT-UNK CHROMIUM(3+)  
SODIUM 2-[(E)-(3-METHYL-5-OXIDO-1-PHENYL-1H-PYRAZOL-4-  
YL)DIAZENYL]BENZOATE(1:1:2) LT-P1 | SKI CARBON BLACK BM-1 |  
CAN CALEDON RED 2G LT-UNK C.I. PIGMENT YELLOW 119 LT-UNK  
OCTADECANOIC ACID, 2-METHYLPROPYL ESTER NoGS C.I. PIGMENT  
GREEN 7 LT-UNK C.I. PIGMENT BROWN 24 BM-1 C. I. PIGMENT BLUE  
15 BM-3 BISMUTH VANADIUM OXIDE BM-1 | MUL ANTHRA[2,1,9-  
DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRAONE, 2,9-  
BIS(3,5-DIMETHYLPHENYL)- LT-P1 2-PROPENOIC ACID, POLYMER  
WITH ETHENE, ZINC SALT LT-UNK UREA LT-UNK AMMONIUM  
LAURYL SULFATE LT-UNK ETHANOL BM-2 | CAN | END | DEV | REP |  
PHY PIGMENT RED 202 LT-UNK PIGMENT VIOLET 23 LT-UNK  
PIGMENT VIOLET 29 LT-UNK PIGMENT YELLOW 147 LT-UNK ZINC  
PHOSPHATE LT-P1 | AQU | MUL ALCOHOLS, C12-13, ETHOXYLATED  
LT-P1 SODIUM HYDROXIDE LT-P1 | SKI | PHY BUTANEDIOIC ACID,  
METHYLENE- LT-UNK DIPHOSPHORIC ACID, TETRASODIUM SALT LT-  
UNK DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY  
PARAFFINIC LT-1 | CAN | MUL EDETATE SODIUM LT-P1 | MUL | EYE  
POLY(DICYCLOPENTADIENE-CO-P-CRESOL) LT-UNK N,N'-BIS(2,2,6,6-  
TETRAMETHYL-4-PIPERIDYL)ISOPHTHALAMIDE LT-P1 | EYE | MUL  
FATTY ACIDS, C16-18 AND C18-UNSATD., BRANCHED AND LINEAR,  
ETHOXYLATED LT-UNK CALCIUM CARBONATE BM-3 MAGNESIUM  
OXIDE LT-UNK | CAN QUARTZ LT-1 | CAN NYLON 6 LT-UNK  
ALUMINUM OXIDE BM-2 | RES STYRENE-BUTADIENE COPOLYMERS  
LT-UNK WATER BM-4 CORN STARCH LT-UNK ALUMINUM  
HYDROXIDE BM-2 POTASSIUM HYDROXIDE LT-P1 | SKI SODIUM  
POLYACRYLATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END DIIRON  
TRIOXIDE BM-1 | CAN DISTILLATES (PETROLEUM), HYDROTREATED  
MIDDLE LT-1 | CAN | MUL BENZENE, 1,1'-OXYBIS-, TETRAPROPYLENE

DERIVS., SULFONATED, SODIUM SALTS [LT-P1] | MUL SODIUM 4-(3-UNDECANYL)BENZENESULFONATE [LT-UNK] SODIUM DODECYLBENZENESULFONATE [LT-P1] | MUL SODIUM SULFATE [LT-UNK] CASTOR OIL, ETHOXYLATED, DIOLEATE [LT-UNK] COCONUT OIL [LT-UNK] DIPOTASSIUM OCTENYLSUCCINATE [NoGS] FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXYLATED [LT-UNK] MANGANESE HYPOPHOSPHITE [LT-P1] POLY(OXY-1,2-ETHANEDIYL), α-METHYL-ω-(2-PROPENYLOXY)- [LT-UNK] SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER [LT-P1] TITANIUM DIOXIDE [LT-1] | CAN ]

**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

**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: 2021-06-23

PUBLISHED DATE: 2021-07-27

EXPIRY DATE: 2024-06-23

## 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)

### ULTRABAC® RE BROADLOOM CARPET

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and those that fall above the threshold are included.

OTHER PRODUCT NOTES: Substance ranges are provided due to variance in fiber face weight and to protect the proprietary nature of the formulations of Mannington and their suppliers.

#### NYLON 6,6

ID: 32131-17-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:03:06

%: 30.0000 - 40.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES:

#### CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:03:06

%: 20.0000 - 25.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES:

#### BUTADIENE, STYRENE, ITACONIC ACID POLYMER

ID: 30174-67-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:03:06

%: 5.0000 - 15.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES:

#### POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:03:07

%: 5.0000 - 10.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES:

**CHROMIUM(3+) SODIUM 2-[(E)-(3-METHYL-5-OXIDO-1-PHENYL-1H-PYRAZOL-4-YL)DIAZENYL]BENZOATE(1:1:2)**

ID: 41741-86-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:02:54**

#: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

**CARBON BLACK**

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:05:46**

#: **0.0000 - 0.1000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.

**CALEDON RED 2G**

ID: 5521-31-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:05:54**

#: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**C.I. PIGMENT YELLOW 119**

ID: 68187-51-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:06:02**

#: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

**OCTADECANOIC ACID, 2-METHYLPROPYL ESTER**

ID: 646-13-9

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:06:08</b>		
%: <b>0.0000 - 0.1000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Lubricant</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

**C.I. PIGMENT GREEN 7**

ID: 1328-53-6

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:15</b>		
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

**C.I. PIGMENT BROWN 24**

ID: 68186-90-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:15</b>		
%: <b>0.0000 - 0.1000</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.				

**C. I. PIGMENT BLUE 15**

ID: 147-14-8

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:06:16</b>		
%: <b>0.0000 - 0.1000</b>	GS: <b>BM-3</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.				

**BISMUTH VANADIUM OXIDE**

ID: 14059-33-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:06:23</b>		
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#: 0.0000 - 0.1000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

MUL German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.

**ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-BIS(3,5-DIMETHYLPHENYL)-**

ID: 4948-15-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:06:30

#: 0.0000 - 0.1000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**2-PROPENOIC ACID, POLYMER WITH ETHENE, ZINC SALT**

ID: 28208-80-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:06:40

#: 0.0000 - 0.1000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**UREA**

ID: 57-13-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:06:49

#: 0.0000 - 0.1000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Desiccant

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**AMMONIUM LAURYL SULFATE**

ID: 2235-54-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-23 11:06:56

#: 0.0000 - 0.1000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Surfactant

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:07**%: **0.0000 - 0.1000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
DEV	CA EPA - Prop 65	Developmental - specific to chemical form or exposure route
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]
REP	GHS - Japan	Toxic to reproduction - Category 1A [H360]
PHY	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.

## PIGMENT RED 202

ID: 3089-17-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:07:05**%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

## PIGMENT VIOLET 23

ID: 6358-30-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:07:12**%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

## PIGMENT VIOLET 29

ID: 81-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:07:21**%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**PIGMENT YELLOW 147**

ID: 4118-16-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:07:31**%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**ZINC PHOSPHATE**

ID: 7779-90-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:07:41**%: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

**ALCOHOLS, C12-13, ETHOXYLATED**

ID: 66455-14-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:07:51**%: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

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

SUBSTANCE NOTES:

**SODIUM HYDROXIDE**

ID: 1310-73-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:08:00**%: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Buffer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
PHY	GHS - Korea	H290 - May be corrosive to metals

SUBSTANCE NOTES:

**BUTANEDIOIC ACID, METHYLENE-**

ID: 97-65-4



HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:08:10</b>	
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Monomer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:			

**DIPHOSPHORIC ACID, TETRASODIUM SALT**

ID: **7722-88-5**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:08:17</b>	
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>Unknown</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:			

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC**

ID: **64742-65-0**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:08:23</b>	
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Lubricant</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CAN	EU - GHS (H-Statements)	H350 - May cause cancer	
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man	
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence	
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant	
CAN	GHS - Australia	H350 - May cause cancer	
SUBSTANCE NOTES:			

**EDETATE SODIUM**

ID: **64-02-8**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:08:29</b>	
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Chelating agent</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters	
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage	
SUBSTANCE NOTES:			

**POLY(DICYCLOPENTADIENE-CO-P-CRESOL)**

ID: **68610-51-5**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:08:36</b>	
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:			

**N,N'-BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)ISOPHTHALAMIDE** ID: **42774-15-2**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:08:44</b>	
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Stabilizer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation	
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters	
SUBSTANCE NOTES:			

**FATTY ACIDS, C16-18 AND C18-UNSATD., BRANCHED AND LINEAR, ETHOXYLATED** ID: **96349-73-4**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:22</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:			

**CALCIUM CARBONATE** ID: **471-34-1**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:16</b>	
%: <b>0.0000 - 15.0000</b>	GS: <b>BM-3</b>	RC: <b>UNK</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Filler</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.			

**MAGNESIUM OXIDE** ID: **1309-48-4**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:16</b>	
%: <b>0.0000 - 5.0000</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Filler</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

## QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:17**

%: **Impurity/Residual** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	GHS - Australia	H350i - May cause cancer by inhalation
CAN	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]

SUBSTANCE NOTES:

## NYLON 6

ID: 25038-54-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:17**

%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES: The recycled content comes from post-industrial scrap from the yarn supplier and returned post-consumer carpet fiber.

## ALUMINUM OXIDE

ID: 1344-28-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:18**

%: **0.0000 - 5.0000** GS: **BM-2** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.

**STYRENE-BUTADIENE COPOLYMERS**

ID: 9003-55-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:18**%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **none** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES:

**WATER**

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:19**%: **0.0000 - 5.0000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Carrier**

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

SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.

**CORN STARCH**

ID: 9005-25-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:19**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

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

SUBSTANCE NOTES:

**ALUMINUM HYDROXIDE**

ID: 21645-51-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:24**%: **0.0000 - 1.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

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

SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.

**POTASSIUM HYDROXIDE**

ID: 1310-58-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:24**%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SUBSTANCE NOTES:		

**SODIUM POLYACRYLATE**

ID: 9003-04-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:25</b>	
%: <b>0.0000 - 1.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:			

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:25</b>	
%: <b>0.0000 - 1.0000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer	
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen	
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route	
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
SUBSTANCE NOTES:			

**DIIRON TRIOXIDE**

ID: 1309-37-1

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:26</b>	
%: <b>0.0000 - 1.0000</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SUBSTANCE NOTES: The GreenScreen Assessment Benchmark Score was sourced from the Pharos database found at pharosproject.net.			

**DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE**

ID: 64742-46-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:26</b>			
%: <b>0.0000 - 1.0000</b>		GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Lubricant</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
CAN	EU - GHS (H-Statements)	H350 - May cause cancer			
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man			
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence			
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant			
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters			
CAN	GHS - Australia	H350 - May cause cancer			
SUBSTANCE NOTES:					

**BENZENE, 1,1'-OXYBIS-, TETRAPROPYLENE DERIVS., SULFONATED, SODIUM SALTS**

ID: **119345-04-9**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:27</b>			
%: <b>0.0000 - 1.0000</b>		GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>Unknown</b>	SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters			
SUBSTANCE NOTES:					

**SODIUM 4-(3-UNDECANYL)BENZENESULFONATE**

ID: **68081-81-2**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:27</b>			
%: <b>0.0000 - 1.0000</b>		GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>Unknown</b>	SUBSTANCE ROLE: <b>Impurity</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found		No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES:					

**SODIUM DODECYLBENZENESULFONATE**

ID: **25155-30-0**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-23 11:03:27</b>			
%: <b>0.0000 - 1.0000</b>		GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>Unknown</b>	SUBSTANCE ROLE: <b>Impurity</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters			
SUBSTANCE NOTES:					

**SODIUM SULFATE**

ID: 7757-82-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:28**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Impurity**

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

SUBSTANCE NOTES:

**CASTOR OIL, ETHOXYLATED, DIOLEATE**

ID: 110531-96-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:28**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**COCONUT OIL**

ID: 8001-31-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:29**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**DIPOTASSIUM OCTENYLSUCCINATE**

ID: 58641-28-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:29**%: **0.0000 - 1.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES:

**FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXYLATED**

ID: 67784-86-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:30**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**MANGANESE HYPOPHOSPHITE**

ID: 10043-84-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:30**%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**POLY(OXY-1,2-ETHANEDIYL),  $\alpha$ -METHYL- $\omega$ -(2-PROPENYLOXY)-**

ID: 27252-80-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:31**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER**

ID: 68938-54-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:31**%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**TITANIUM DIOXIDE**

ID: 1317-70-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-23 11:03:32**%: **0.0000 - 1.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES:





## 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: Second Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="https://services.carpet-rug.org/api/v2/GLPCertificate/2278">https://services.carpet-rug.org/api/v2/GLPCertificate/2278</a>	ISSUE DATE: 2004-06-07	EXPIRY DATE: 2022-03-31	CERTIFIER OR LAB: Carpet and Rug Institute
CERTIFICATION AND COMPLIANCE NOTES: Certificate number GLP2278. Private office and school scenarios with TVOC <0.5 mg/m3. Please check the provided URL or CRI's GLP database for an updated certificate once the current one expires.			

MULTI-ATTRIBUTE	NSF/ANSI 140-2007e - Gold		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="https://www.scs-certified.com/products/cert_pdfs/ManningtonMills_2021_SCS-SCC-01524_s.pdf">https://www.scs-certified.com/products/cert_pdfs/ManningtonMills_2021_SCS-SCC-01524_s.pdf</a>	ISSUE DATE: 2021-07-01	EXPIRY DATE: 2024-06-30	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: SCS-SCC-01524			

## 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.

ULTRA ADHESIVE	HPD URL: No HPD Available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Ultra Solvent-Free, Premium Carpet Adhesive is a high solid, white latex based adhesive formulated specifically to provide superior bonding strength for installing Mannington latex and polyurethane backed carpets. Ultra Adhesive is freeze thaw stable, and has permanent antimicrobial protection. Ultra Adhesive is the appropriate adhesive for installing Mannington's UltraBac RE products. Ultra Adhesive may be used for installations over concrete subfloors with up to 5 pounds moisture vapor emissions as determined by Calcium Chloride Test (ASTM F 1869), or 80% relative humidity (ASTM F 2170) and pH of 9.	

M-GUARD ULTRA ADHESIVE	HPD URL: No HPD Available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: M-Guard Ultra Premium Carpet Adhesive is a solvent-free, very high solids ultra premium commercial carpet adhesive, formulated specifically to provide superior bonding strength for installing Mannington latex and polyurethane backed carpets. M-Guard Ultra is freeze thaw stable and has permanent antimicrobial protection. M-Guard Ultra may be used for installations over concrete subfloors with up to 8 pounds moisture vapor emissions as determined by Calcium Chloride Test (ASTM F 1869), or 90% relative humidity (ASTM F 2170) and pH of 10.	

## Section 5: General Notes

This HPD covers all colors and styles of broadloom carpets manufactured with UltraBac RE backing. Specifically, all styles found within the following collections made with UltraBac RE backing are covered: Googie, Moiré, All Star, Allegiant, Belvedere V, Bouclé, Carthage Legacy, Entwined, Equinox, Everywear, Glitch Art, Miiamo II, Origami, Palma 2, Poetica, Quadrant, Raffia, Serikos II, TxStyle, Urban Grid, Variations 4, Vivendi Carpet.

**MANUFACTURER INFORMATION**

MANUFACTURER: **Mannington Mills**  
 ADDRESS: **1844 US Highway 41 S.E.**  
**Calhoun GA 30701, United States**  
 WEBSITE: **www.manningtoncommercial.com**

CONTACT NAME: **Dave Kitts**  
 TITLE: **VP-Environment**  
 PHONE: **8563395871**  
 EMAIL: **dave.kitts@mannington.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.*