



HPD UNIQUE IDENTIFIER: 3129694359552  
 CLASSIFICATION: 09 68 13 Tile Carpeting  
 PRODUCT DESCRIPTION: Modular Cushion back Tile Manufactured in the US

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
<input checked="" type="radio"/> Nested Materials Method <input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other	<input checked="" type="radio"/> Completed <input type="radio"/> Partially Completed <input type="radio"/> Not Completed Explanation(s) provided : <input checked="" type="radio"/> Yes <input type="radio"/> No	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No Provided weight and role. Screened <input checked="" type="radio"/> Yes <input type="radio"/> No Provided screening results using HPDC-approved methods. Identified <input checked="" type="radio"/> Yes <input type="radio"/> No Provided name and CAS RN or other identifier.
Threshold Disclosed Per <input type="radio"/> Material <input checked="" type="radio"/> Product			

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.

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

WELLBAC™ COMFORT PRINT WORKS (DDI)/PRINT CARPET TILE - US | LIMESTONE, CALCIUM CARBONATE BM-3dg POLYETHYLENE TEREPHTHALATE (PET) LT-P1 POLYPROPYLENE LT-P1 ASPHALT / BITUMENS (BITUMEN) LT-1 | CAN | MAM | GEN POLYURETHANE FOAMS LT-UNK STYRENE-BUTADIENE-VINYLDENE CHLORIDE BASED POLYMER NoGS SULFONATED POLYAMIDE (POLYMER) NoGS STYRENE BUTADIENE RUBBER (SBR) (STYRENE-BUTADIENE COPOLYMERS) LT-UNK 1,4-BENZENEDICARBOXYLIC ACID, POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 2-METHYLOXIRANE POLYMER WITH OXIRANE BIS(2-AMINOPROPYL) ETHER (POLYCAPROLACTAM THERMOPLASTIC RESIN) NoGS CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE (GLASS FIBER) LT-UNK HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED LT-UNK SILOXANE POLYALKYLENEOXIDE COPOLYMER (SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED, ETHOXYLATED PROPOXYLATED) NoGS POTASSIUM HYDROXIDE LT-P1 | SKI | MAM | EYE WATER (DIHYDROGEN OXIDE) BM-4 ANATASE TITANIUM DIOXIDE (TITANIUM DIOXIDE) LT-1 | CAN | MAM STEARIC ACID LT-P1 | END SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER LT-P1 | MUL | SKI | EYE | AQU POLYCARBOXYLIC ACID, SODIUM SALT (SALT OF POLYCARBOXYLIC ACID) NoGS QUARTZ BM-1 | CAN | MAM | GEN ISOCYANIC ACID, POLYMETHYLENEPOLYPHENYLENE ESTER, POLYMER WITH 2-METHYLOXIRANE POLYMER WITH OXIRANE ETHER WITH 1,2,3-PROPANETRIOL (3:1) (POLYMETHYLENEPOLYPHENYL POLYISOCYANATE, GLYCEROL ETHOXYLATED / PROPOXYLATED, COPOLYMER) NoGS POLY(OXY-1,2-ETHANEDIYL), ALPHA-METHYL-OMEGA-(2-PROPEN-1-YLOXY)- LT-UNK PHOSPHINIC ACID, MANGANESE(2++) SALT (2:1) LT-P1 | MAM | EYE 1,2-PROPYLENEGLYCOL, ETHOXYLATED AND PROPOXYLATED (OXLRANE, METHYL-, POLYMER WITH OXLRANE, ETHER WITH 1,2-PROPANEDIOL (2:1)) LT-UNK EYE BUTANEDIOIC

Number of Greenscreen BM-4/BM3 contents ... 3  
 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, LT-1, BM-1  
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Inventory was given by all suppliers to 100ppm

ACID, 2-(OCTEN-1-YL)-, POTASSIUM SALT (1:2) (OCTENYL, 1,4-BUTANEDIOIC ACID, DIPOTASSIUM SALT IN WATER) **LT-UNK** 5-SULFOISOPHTHALIC ACID, MONOLITHIUM SALT (LITHIUM DIHYDROGEN 5-SULFOISOPHTHALATE) **NoGS** FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXYLATED **LT-UNK** COCONUT OIL **LT-UNK** CASTOR OIL, ETHOXYLATED, DIOLEATE, MINIMUM NUMBER AVERAGE MOLECULAR WEIGHT (IN AMU), 1260 (CASTOR OIL, ETHOXYLATED, DIOLEATE) **LT-UNK** CARBON BLACK **BM-1** | CAN | EYE | MAM CAPROLACTAM **LT-UNK** | SKI | EYE | MAM | REP 2-PROPENOIC ACID, POLYMER WITH 1-PROPENE **LT-UNK** ETHYLENEDIAMINE TETRAACETIC ACID, TETRASODIUM SALT (GLYCINE, N,N'-1,2-ETHANEDIYLBIS[N-(CARBOXYMETHYL)-, TETRASODIUM SALT] **LT-P1** | MUL | EYE | MAM | AQU NAPHTHALENESULFONIC ACIDS, POLYMERS WITH FORMALDEHYDE AND 4,4'-SULFONYLBIS[PHENOL] **LT-UNK** POLY(OXY-1,2-ETHANEDIYL), ALPHA-PHOSPHONO-OMEGA-(DODECYLOXY)-, COMPD. WITH 2,2'-IMINOBIS[ETHANOL], (EO 2-8 MOL) **LT-UNK** SODIUM SULFATE (SULFURIC ACID DISODIUM SALT) **LT-UNK** MAGNESIUM SULFATE, ANHYDROUS (SULFURIC ACID MAGNESIUM SALT (1:1)) **LT-UNK** SODIUM LAURYL SULFATE (SULFURIC ACID MONODODECYL ESTER SODIUM SALT) **LT-P1** | MUL | EYE | SKI | MAM | AQU AMMONIUM LAURYL SULFATE (SULFURIC ACID, MONO-C10-16-ALKYL ESTERS, AMMONIUM SALTS) **NoGS** TRIETHANOLAMINE **LT-P1** | END | EYE | SKI BUTYL ACRYLATE/METHYL METHACRYLATE/METHACRYLIC ACID COPOLYMER (18000 MW) **LT-UNK** **BM-1**, PLATELET AGGREGATION INHIBITOR (METHACRYLIC ACID, BUTYL ACRYLATE POLYMER) **LT-UNK** FATTY ACIDS, C16-18 AND C18-UNSATD., BRANCHED AND LINEAR, ETHOXYLATED **LT-UNK** DISTILLATE FUEL OILS, LIGHT (DISTILLATES, PETROLEUM, HYDROTREATED LIGHT) **BM-2** | CAN | MAM | AQU DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE **LT-1** | CAN | MUL | SKI RUTILE, ANTIMONY CHROMIUM BUFF (C.I. PIGMENT BROWN 24) **BM-1** C.I. PIGMENT BLUE 15 **BM-3** BUTENE, POLYMER WITH ETHENE **LT-UNK** ALKYL(C10-C13)BENZENE (BENZENE, C10-13-ALKYL DERIVS) **LT-UNK** 1-PROPENE TETRAMER-OXYBISBENZENE REACTION PRODUCTS, SULFONATED, SODIUM SALT (BENZENE, 1,1'-OXYBIS-, TETRAPROPYLENE DERIVS., SULFONATED, SODIUM SALTS) **LT-P1** | MUL BARIUM **LT-P1** | END | EYE | MAM | PHY | SKI | AQU ANTIMONY PENTAOXIDE **LT-1** | CAN | AQU | SKI AMYLOPECTIN, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER, CHLORIDE **NoGS** SILICA, AMORPHOUS (AMORPHOUS SILICA) **BM-1** | CAN | MAM 2-PROPENOIC ACID, ETHYL ESTER, POLYMER WITH SODIUM 2-PROPENOATE **LT-UNK** 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-PROPENOIC ACID **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  
LCA: Environmental Product Declaration (EPD) by UL

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER: WAP Sustainability Consulting

VERIFICATION #: zPr-9320

SCREENING DATE: 2023-05-31

PUBLISHED DATE: 2023-06-12

EXPIRY DATE: 2026-05-31

## 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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

### WELLBAC™ COMFORT PRINT WORKS (DDI)/PRINT CARPET TILE - US

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities were considered during the supplier engagement on disclosure of ingredients.

OTHER PRODUCT NOTES:

#### LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-05-31 18:29:33

%: 30.0000 - 50.0000 GreenScreen: BM-3dg RC: PreC NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight and backing add-on of the carpet and to protect the proprietary information of both Milliken and their suppliers.

The source of the recycled content is post-industrial waste from various processed calcium carbonate products.

#### POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-05-31 18:29:33

%: 3.0000 - 10.0000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

#### POLYPROPYLENE

ID: 9003-07-0

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:34</b>		
%: <b>3.0000 - 10.0000</b>	GreenScreen: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.				

**ASPHALT / BITUMENS (BITUMEN)**

ID: **8052-42-4**

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:34</b>		
%: <b>6.0000 - 9.0000</b>	GreenScreen: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Adhesive</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
CAN	IARC	Group 2b - Possibly carcinogenic to humans		
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.				

**POLYURETHANE FOAMS**

ID: **9009-54-5**

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:35</b>		
%: <b>6.0000 - 9.0000</b>	GreenScreen: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Cushioning</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**STYRENE-BUTADIENE-VINYLDIENE CHLORIDE BASED POLYMER**

ID: 208448-00-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:33**

%: **1.0000 - 5.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**SULFONATED POLYAMIDE (POLYMER)**

ID: 222173-52-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:34**

%: **0.0000 - 4.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**STYRENE BUTADIENE RUBBER (SBR) (STYRENE-BUTADIENE COPOLYMERS)**

ID: 9003-55-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:34**

%: **0.0100 - 4.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**1,4-BENZENEDICARBOXYLIC ACID, POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 2-METHYLOXIRANE POLYMER WITH OXIRANE BIS(2-AMINOPROPYL) ETHER (POLYCAPROLACTAM THERMOPLASTIC RESIN)** ID: 97953-26-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:35**

%: **0.0000 - 3.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE (GLASS FIBER)** ID: 65997-17-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:35**

%: **1.0000 - 2.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED** ID: 69430-35-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:36**

%: **1.0000 - 2.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**SILOXANE POLYALKYLENEOXIDE COPOLYMER (SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED, ETHOXYLATED PROPOXYLATED)**

ID: 64365-23-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:36**

%: **0.0010 - 1.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**POTASSIUM HYDROXIDE**

ID: 1310-58-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:37**

%: **0.0100 - 1.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Cushioning**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1B
MAM	GHS - Korea	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	GHS - New Zealand	Acute oral toxicity category 3
MAM	GHS - Japan	H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Cosmetics & Personal Care Products

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

## WATER (DIHYDROGEN OXIDE)

ID: 7732-18-5

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:38</b>		
%: <b>0.0100 - 1.0000</b>	GreenScreen: <b>BM-4</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Filler</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions  Exempted from REACH Annex IV listing due to intrinsic safety		



SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

The GreenScreen Assessment results were sourced from the Pharos chemicals database.

### ANATASE TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: 1317-70-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:38**

%: **0.0100 - 1.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	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
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Cosmetics & Personal Care Products

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

### STEARIC ACID

ID: 57-11-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:37**

%: **0.0100 - 1.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Cushioning**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

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

ID: 68938-54-5

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:37</b>		
%: <b>0.0100 - 1.0000</b>	GreenScreen: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKI	GHS - New Zealand	Skin irritation category 2		
EYE	GHS - New Zealand	Serious eye damage category 1		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**POLYCARBOXYLIC ACID, SODIUM SALT (SALT OF POLYCARBOXYLIC ACID)** ID: **62601-60-9**

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:38</b>		
%: <b>0.0100 - 1.0000</b>	GreenScreen: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**QUARTZ** ID: **14808-60-7**

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:38</b>		
%: <b>0.0100 - 1.0000</b>	GreenScreen: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Filler</b>

HAZARD TYPE	LIST NAME AND SOURCE	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	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**ISOCYANIC ACID, POLYMETHYLENEPOLYPHENYLENE ESTER, POLYMER WITH 2-METHYLOXIRANE POLYMER WITH OXIRANE ETHER WITH 1,2,3-PROPANETRIOL (3:1) (POLYMETHYLENEPOLYPHENYL POLYISOCYANATE, GLYCEROL ETHOXYLATED / PROPOXYLATED, COPOLYMER)**

ID: 58228-05-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:39**

%: **0.0100 - 1.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**POLY(OXY-1,2-ETHANEDIYL), ALPHA-METHYL-OMEGA-(2-PROPEN-1-YLOXY)-**

ID: 27252-80-8

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:37</b>		
%: <b>0.0100 - 1.0000</b>	GreenScreen: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**PHOSPHINIC ACID, MANGANESE(2++) SALT (2:1)**

ID: 10043-84-2

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:37</b>		
%: <b>0.0100 - 1.0000</b>	GreenScreen: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]		
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP11)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Biological and Environmentally Released Materials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP11)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Children's Products		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**1,2-PROPYLENEGLYCOL, ETHOXYLATED AND PROPOXYLATED  
(OXLRANE, METHYL-, POLYMER WITH OXLRANE, ETHER WITH  
1,2-PROPANEDIOL (2:1))**

ID: 53637-25-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:38**

%: **0.0100 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**BUTANEDIOIC ACID, 2-(OCTEN-1-YL)-, POTASSIUM SALT (1:2)  
(OCTENYL, 1,4-BUTANEDIOIC ACID, DIPOTASSIUM SALT IN  
WATER)**

ID: 58641-28-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:38**

%: **0.0100 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**5-SULFOISOPHTHALIC ACID, MONOLITHIUM SALT (LITHIUM  
DIHYDROGEN 5-SULFOISOPHTHALATE)**

ID: 46728-75-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:39**

%: **0.0100 - 1.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List  Precautionary list of substances recommended for avoidance

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

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

ID: 67784-86-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:40**%: **0.0100 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**COCONUT OIL**

ID: 8001-31-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:40**%: **0.0100 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**CASTOR OIL, ETHOXYLATED, DIOLEATE, MINIMUM NUMBER AVERAGE MOLECULAR WEIGHT (IN AMU), 1260 (CASTOR OIL, ETHOXYLATED, DIOLEATE)**

ID: 110531-96-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:41**%: **0.0100 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:42**

%: **0.0100 - 1.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	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
EYE	GHS - New Zealand	Eye irritation category 2
CAN	GHS - New Zealand	Carcinogenicity category 2
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**CAPROLACTAM**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:43**

%: **0.0100 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Cushioning**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
MAM	GHS - Japan	H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

## 2-PROPENOIC ACID, POLYMER WITH 1-PROPENE

ID: 25214-24-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-05-31 18:29:40		
%: 0.0100 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.



**ETHYLENEDIAMINE TETRAACETIC ACID, TETRASODIUM SALT (GLYCINE, N,N'-1,2-ETHANEDIYLBIS[N-(CARBOXYMETHYL)-, TETRASODIUM SALT]**

ID: 64-02-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:41**

%: **0.0010 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Japan	H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**NAPHTHALENESULFONIC ACIDS, POLYMERS WITH FORMALDEHYDE AND 4,4'-SULFONYLBIS[PHENOL]**

ID: 68411-62-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:41**

%: **0.0010 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**POLY(OXY-1,2-ETHANEDIYL), ALPHA-PHOSPHONO-OMEGA-(DODECYLOXY)-, COMPD. WITH 2,2'-IMINOBISETHANOL], (EO 2-8 MOL)**

ID: 128086-07-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:42**

%: 0.0010 - 0.1000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**SODIUM SULFATE (SULFURIC ACID DISODIUM SALT)**

ID: 7757-82-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-05-31 18:29:42

%: 0.0010 - 0.1000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**MAGNESIUM SULFATE, ANHYDROUS (SULFURIC ACID MAGNESIUM SALT (1:1))**

ID: 7487-88-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-05-31 18:29:41

%: 0.0010 - 0.1000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**SODIUM LAURYL SULFATE (SULFURIC ACID MONODODECYL ESTER SODIUM SALT)**

ID: 151-21-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-05-31 18:29:41

%: 0.0010 - 0.1000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
MAM	GHS - New Zealand	Acute dermal toxicity category 3
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
MAM	GHS - Japan	H310 - Fatal in contact with skin [Acute Toxicity (dermal) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals Antimicrobials

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**AMMONIUM LAURYL SULFATE (SULFURIC ACID, MONO-C10-16-ALKYL ESTERS, AMMONIUM SALTS)**

ID: 68081-96-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-05-31 18:29:42		
%: 0.0010 - 0.1000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**TRIETHANOLAMINE**

ID: 102-71-6

%: 0.0010 - 0.1000      GreenScreen: LT-P1      RC: None      NANO: No      SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals Some Solvents

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

#### BUTYL ACRYLATE/METHYL METHACRYLATE/METHACRYLIC ACID COPOLYMER (18000 MW)

ID: 25035-69-2

%: 0.0000 - 0.1000      GreenScreen: LT-UNK      RC: None      NANO: No      SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: A range is based on varying face weights and backing add on.

#### BM-1, PLATELET AGGREGATION INHIBITOR (METHACRYLIC ACID, BUTYL ACRYLATE POLYMER)

ID: 25035-82-9

%: 0.0000 - 0.1000      GreenScreen: LT-UNK      RC: None      NANO: No      SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: A range is based on varying face weights and backing add on.

**FATTY ACIDS, C16-18 AND C18-UNSATD., BRANCHED AND LINEAR, ETHOXYLATED**

ID: 96349-73-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:41**

%: **0.0010 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**DISTILLATE FUEL OILS, LIGHT (DISTILLATES, PETROLEUM, HYDROTREATED LIGHT)**

ID: 64742-47-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:42**

%: **0.0010 - 0.1000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals Some Solvents

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.  
The GreenScreen Assessment results were sourced from the Pharos chemicals database.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:43**

%: **0.0010 - 0.1000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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 [Carcinogenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
CAN	EU - REACH Annex XVII CMRs	Carcinogens: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals Some Solvents
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**RUTILE, ANTIMONY CHROMIUM BUFF (C.I. PIGMENT BROWN 24)**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:43**

%: **0.0010 - 0.1000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Cosmetics & Personal Care Products

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

### C.I. PIGMENT BLUE 15

ID: 147-14-8

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:43</b>		
%: <b>0.0010 - 0.1000</b>	GreenScreen: <b>BM-3</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)  Colorants - Green Circle (Verified Low Concern)		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

The GreenScreen Assessment results were sourced from the Pharos chemicals database.

### BUTENE, POLYMER WITH ETHENE

ID: 9019-29-8

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:44</b>		
%: <b>0.0010 - 0.1000</b>	GreenScreen: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**ALKYL(C10-C13)BENZENE (BENZENE, C10-13-ALKYL DERIVS)**

ID: 67774-74-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:44**

%: **0.0010 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**1-PROPENE TETRAMER-OXYBISBENZENE REACTION PRODUCTS, SULFONATED, SODIUM SALT (BENZENE, 1,1'-OXYBIS-, TETRAPROPYLENE DERIVS., SULFONATED, SODIUM SALTS)**

ID: 119345-04-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:44**

%: **0.0010 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**BARIUM**

ID: 7440-39-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:45**

%: **0.0010 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Cushioning**



HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
MAM	GHS - New Zealand	Acute oral toxicity category 3
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  Cosmetics & Personal Care Products

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**ANTIMONY PENTAOXIDE**

ID: 1314-60-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-05-31 18:29:44**

%: **0.0010 - 0.1000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
AQU	GHS - Korea	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals Certain Metals
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**AMYLOPECTIN, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER, CHLORIDE**

ID: 68936-82-3

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-05-31 18:29:44</b>		
%: <b>0.0010 - 0.1000</b>	GreenScreen: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

**SILICA, AMORPHOUS (AMORPHOUS SILICA)**

ID: 7631-86-9

%: **0.0010 - 0.1000**GreenScreen: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals  Antimicrobials

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

### 2-PROPENOIC ACID, ETHYL ESTER, POLYMER WITH SODIUM 2-PROPENOATE

ID: **26949-30-4**%: **0.0010 - 0.1000**GreenScreen: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

### 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-PROPENOIC ACID

ID: **25751-21-7**%: **0.0010 - 0.1000**GreenScreen: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

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None found

No listings found on Additional Hazard Lists

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**SUBSTANCE NOTES:** Ranges are provided due to the variation in face weight of the carpet and to protect the proprietary information of both Milliken and their suppliers.

## 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: 2004-09-15	CERTIFIER OR LAB: The Carpet and Rug Institute
APPLICABLE FACILITIES: Americas	EXPIRY DATE: 2023-09-30	
CERTIFICATE URL: <a href="https://services.carpet-rug.org/api/GLPCertificate/0793">https://services.carpet-rug.org/api/GLPCertificate/0793</a>		
CERTIFICATION AND COMPLIANCE NOTES: WellBAC™ Comfort and Comfort Plus - Digital Dyed Injected modular tile		

LCA	Environmental Product Declaration (EPD) by UL	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-01-01	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Americas	EXPIRY DATE: 2024-01-01	
CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5c58538155b0e81fc81f6d72?page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5c58538155b0e81fc81f6d72?page_type=Products%20Catalog</a>		
CERTIFICATION AND COMPLIANCE NOTES: Type III Product Specific EPD Document #: 135695-4150		

## 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.*

MILLIKEN MODULAR ADHESIVE
MANUFACTURER (OR GENERIC): Milliken
HPD URL: No HPD available
ACCESSORY TYPE: Adhesive
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Renovations: Little or no floor prep Unlike many hardback products, Milliken does not require the removal of old adhesives. This can significantly reduce expenditures of both time and money. • Non-reactive backing eliminates adhesive failures from plasticizer migration • Unlike some products with thin thermoplastic backings, the thickness of our cushion will result in virtually no telegraphing • No grinding, no solvents — a big plus for indoor air quality • Simply knock down the high ridges of the existing adhesive and start installing immediately Industry-best moisture management Milliken has seen ZERO moisture claims over the last 20+ years. The reason? Our cushion backing. • Non-Reactive Standard adhesive with our standard cushion backing handles up to 95% RH for on-grade installations • NO moisture testing required for ANY above-grade install • There is NO pH limit • Milliken modular products are warrantied for life against adhesive breakdown due to moisture vapor emissions New construction: Install sooner Construction schedules often force a choice between less-than-perfect options: 1) Delay installation to comply with recommended concrete curing times or moisture levels 2) Decide to chance an early installation, or 3) Pay extra for concrete admixtures or for third-party moisture-mitigation Not with Milliken. Exceptional moisture management allows installations to start sooner than most other manufacturers are comfortable with — for Non-Reactive Standard adhesive, as soon as 60 days after a completed pour, with no RH or pH limits.

## Section 5: General Notes

All ingredient data down to 100ppm is third party verified.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Milliken  
**ADDRESS:** 300 Lukken Industrial Dr.  
 LaGrange GA 30240, United States  
**WEBSITE:** <https://floors.milliken.com/floors/en-us/home>

**CONTACT NAME:** Jennifer Smith  
**TITLE:** Sustainability Development Leader  
**PHONE:** 7063500964  
**EMAIL:** [jenniferg.smith@milliken.com](mailto:jenniferg.smith@milliken.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-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

**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.*