

CLASSIFICATION: 09 65 16.23

PRODUCT DESCRIPTION: Vinyl Resilient Floor Coverings in 2.85 mm and 3.9 mm thicknesses.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided
for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

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

TAILOR GRACE VINYL FLOORING [POLYVINYL CHLORIDE (PVC) LT-P1 | RES LIMESTONE; CALCIUM CARBONATE LT-UNK TRIS(2-ETHYLHEXYL) 2-(ACETYLOXY)PROPANE-1,2,3-TRICARBOXYLATE LT-UNK 1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER LT-P1 | MUL DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC LT-1 | CAN | MUL TITANIUM DIOXIDE LT-1 | CAN | END TRIISOTRIDECYL PHOSPHITE LT-P1 | MUL EPOXIDIZED SOYBEAN OIL LT-UNK ZINC NEODECANOATE LT-P1 | MUL ALCOHOLS, C11-14-ISO-, C13-RICH LT-P1 | MUL]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD covers various thicknesses of Tailor Grace Vinyl Flooring.

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: RFCI FloorScore
VOC emissions: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-07-11

PUBLISHED DATE: 2018-10-30

EXPIRY DATE: 2021-07-11



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

TAILOR GRACE VINYL FLOORING

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities considered in 0 of 1 materials.

OTHER PRODUCT NOTES: None.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 40.0000 - 60.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Main Polymer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: None.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 12.0000 - 20.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Mineral Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None.

TRIS(2-ETHYLHEXYL) 2-(ACETYLOXY)PROPANE-1,2,3-TRICARBOXYLATE

ID: 144-15-0

%: 8.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Bioplasticiser
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None.

1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER

ID: 77-90-7

%: 8.0000 - 15.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Bioplasticiser
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None.****DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC**

ID: 64742-55-8

%: 1.0000 - 2.0000	GS: LT-1	RC: None	NANO: No	ROLE: Viscosity Supressant
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - GHS (H-Statements)

H350 - May cause cancer

CANCER

EU - REACH Annex XVII CMRs

Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES: Otherwise known as Naphtha, this substance is used to control viscosity. According to REACH, this substance is not classified as carcinogenic or mutagenic if it can be shown that the content of Di methyl sulfoxide in Naphtha is less than 3%. The supplier of this substance only uses purified Naphtha and is not required to classify the material as carcinogenic. Therefore, no carcinogenic or mutagenic hazards appear on the safety data sheet for the raw material and the risks are only relevant to unpurified Naphtha.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.5000 - 1.5000	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: The white pigment used in plastics, paints, ceramics and varnishes is titanium dioxide. While this substances appears on several lists as a potential carcinogen, the risk and hazard relates only to the dust. The manufacturing facility receives titanium oxide

dispersed in a plasticizer so there is no risk associated with the manufacturing of this flooring material or exposure to the final product.

TRISOTRIDECYL PHOSPHITE

ID: 77745-66-5

#: **0.5000 - 0.8000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thermal Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None.**

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

#: **0.4000 - 0.8000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Co-stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None.**

ZINC NEODECANOATE

ID: 27253-29-8

#: **0.1000 - 0.3000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thermal Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None.**

ALCOHOLS, C11-14-ISO-, C13-RICH

ID: 68526-86-3

#: **0.1000 - 0.3000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thermal Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None.**

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

RFCI FloorScore

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/Mats_2018_SCS-FS-05117_s.pdf

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:

2018-08-30

EXPIRY DATE:

2019-08-30

CERTIFIER OR LAB: **SCS**

Global Services

VOC EMISSIONS

RFCI FloorScore

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/Mats_2018_SCS-FS-05117_s.pdf

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:

2018-08-30

EXPIRY DATE:

2019-08-30

CERTIFIER OR LAB: **SCS**

Global Services

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.

No accessories are required for this product.

Section 5: General Notes

The HPD covers material ingredients for two thicknesses of Tailor Grace vinyl floor covering.



MANUFACTURER INFORMATION

MANUFACTURER: **Mats Inc.**
ADDRESS: **179 Campanelli Parkway**
Thanks
Stoughton MA 02072, USA
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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

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

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

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.