

CLASSIFICATION: 09650

PRODUCT DESCRIPTION: Traverse is a range of modular resilient flooring, commonly called LVT (luxury vinyl tile) or LVP (luxury vinyl plank). Traverse HPD for Boardwalk Collection 3.0mm / 0.7mm specification. Traverse does not have to hide embarrassing ingredients in a % designated as “undisclosed”. Please also check independent test reports for [lack of] toxic heavy metal content and [lack of] ortho-phthalate plasticizer content.

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**

BOARDWALK | **CALCIUM CARBONATE** **BM-3** | **POLYVINYL CHLORIDE (PVC)** **LT-P1** | **RES BIS(2-ETHYLHEXYL) TEREPHTHALATE** **BM-3** | **EPOXIDIZED SOYBEAN OIL** **LT-UNK** | **ZINC STEARATE** **LT-UNK** | **CARBON BLACK** **LT-1** | **CAN CALCIUM STEARATE** **LT-UNK** | **1,6-HEXANEDIOL DIACRYLATE** **LT-P1** | **SKI** | **EYE** | **MUL** | **DIPROPYLENE GLYCOL DIACRYLATE** **LT-UNK** | **2-(METHACRYLOYLOXY)ETHANOL** **LT-UNK** | **SKI** | **EYE** | **TRIMETHYLOLPROPANE TRIACRYLATE** **LT-UNK** | **RES** | **SKI** | **EYE** | **TRIPROPYLENE GLYCOL DIACRYLATE** **LT-P1** | **AQU** | **SKI** | **EYE** | **MUL**]

Number of Greenscreen BM-4/BM3 contents ... 2

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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

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: 2018-06-20

PUBLISHED DATE: 2018-06-20

EXPIRY DATE: 2021-06-20



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

BOARDWALK

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Trace amounts of un-reacted VCM (vinyl chloride monomer) can be found in PVC, but their concentrations are so low that processing and use of PVC products is perfectly safe

OTHER PRODUCT NOTES: None

CALCIUM CARBONATE

ID: 471-34-1

| | | | | |
|----------------------|----------|----------|----------|--------------|
| %: 57.0000 - 57.0000 | GS: BM-3 | RC: None | NANO: No | ROLE: Filler |
|----------------------|----------|----------|----------|--------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Naturally occurring both geologically (limestone rock, marble) and biologically (egg shell and sea shells of marine organisms)

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

| | | | | |
|----------------------|-----------|----------|----------|-----------------------------|
| %: 31.2000 - 31.2000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Resilience of product |
|----------------------|-----------|----------|----------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Virgin PVC formulation means all ingredients of formulation are known and requires no need for this HPD to have an “undisclosed” % of embarrassing chemicals such as toxic heavy metals or phthalate plasticizers. Virgin PVC formulation also contributes to better dimensional stability performance of the product vis a vis shrinkage and curling performance.

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

| | | | | |
|----------------------|----------|----------|----------|-------------------|
| %: 10.5000 - 10.5000 | GS: BM-3 | RC: None | NANO: No | ROLE: Plasticizer |
|----------------------|----------|----------|----------|-------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: DOTP plasticizer permits classification in “phthalate free” LVT products. See Independent test report showing that

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

%: **0.5000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

ZINC STEARATE

ID: 557-05-1

%: **0.4000 - 0.4000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

CARBON BLACK

ID: 1333-86-4

%: **0.2000 - 0.2000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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

SUBSTANCE NOTES: **None**

CALCIUM STEARATE

ID: 1592-23-0

%: **0.1000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

%: **0.0150 - 0.0250** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **photo curable monomer / cross-linking agent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **Used in PUR coating formulation****DIPROPYLENE GLYCOL DIACRYLATE**

ID: 57472-68-1

%: **0.0150 - 0.0250** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Used in PUR coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None****2-(METHACRYLOYLOXY)ETHANOL**

ID: 868-77-9

%: **0.0150 - 0.0250** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Used in PUR coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **None****TRIMETHYLOLPROPANE TRIACRYLATE**

ID: 15625-89-5

%: **0.0150 - 0.0250** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Used in PUR coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

| | | |
|----------------|-------------------------|---|
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization |

SUBSTANCE NOTES: **None**

TRIPROPYLENE GLYCOL DIACRYLATE

ID: **42978-66-5**

%: **0.0150 - 0.0250** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Used in PUR coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

| | | |
|-----------------|---|---|
| CHRON AQUATIC | EU - GHS (H-Statements) | H411 - Toxic to aquatic life with long lasting effects |
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization |

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: **2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/TraverseFlooring_2017_SCS-FS-03421_s.pdf

ISSUE DATE:

2017-10-

01

EXPIRY

DATE:

2018-09-
30

CERTIFIER OR LAB:

**SCS Global
Services**

CERTIFICATION AND COMPLIANCE NOTES: **No additional notes**

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.

AQUAFLEX PSA BY FORMULATORS INC.

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Most installations can be carried out using standard LVT adhesive, except when moisture levels in concrete surpass 90% RH. When installing Traverse Boardwalk on concrete subfloors over 90% RH (relative humidity) when tested according to ASTM F 2170, Aquaflex PSA waterproof adhesive is the recommended adhesive. Call or email Traverse Flooring for more information.

Section 5: General Notes

None



MANUFACTURER INFORMATION

MANUFACTURER: **Traverse Flooring**
 ADDRESS: **160 W.Camino Real Blvd., #125**
Boca Raton Florida 33432, USA
 WEBSITE: **www.traverseflooring.com**

CONTACT NAME: **R. Heddle**
 TITLE: **President**
 PHONE: **5613145618**
 EMAIL: **info@traverseflooring.com**

KEY

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

Hazard Types

| | | |
|---------------------------------------|--|--|
| 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.