

CLASSIFICATION: 09650

PRODUCT DESCRIPTION: Roppe Rubber Stair Tread is a broad category of resilient vulcanized rubber stair tread products designed for permanent flooring installations. The natural durability and dimensional stability of Roppe Rubber Stair Tread make this flooring ideal for most high traffic commercial installations. Roppe's Rubber Stair Tread formulation is screened according to current authoritative lists and does not contain any chemicals contained in the Living Future Institute's Red List (Living Building Challenge, Imperative 10), substances of very high concern (SVHC) on the REACH candidate list, or substances restricted under REACH. Roppe Rubber Stair Tread is available in a multitude of styles, profiles, and colors. Please see the "General Notes" section below for a description of applicable products.

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

ROPPE RUBBER STAIR TREAD [**KAOLIN CLAY** LT-UNK | CAN **STYRENE BUTADIENE RUBBER (SBR)** LT-UNK **EPOXIDIZED SOYBEAN OIL** LT-UNK **UNDISCLOSED** LT-UNK **UNDISCLOSED** LT-P1 | SKI | AQU | MUL **UNDISCLOSED** LT-UNK **UNDISCLOSED** LT-UNK **UNDISCLOSED** BM-1 | AQU | RES | MUL **UNDISCLOSED** LT-1 | CAN | MUL **UNDISCLOSED** LT-1 | CAN | MUL **UNDISCLOSED** BM-1 | CAN **UNDISCLOSED** NoGS **UNDISCLOSED** LT-P1 | MUL **UNDISCLOSED** BM-2 | CAN **UNDISCLOSED** LT-UNK **UNDISCLOSED** LT-P1 | END **UNDISCLOSED** LT-UNK | MAM | SKI | EYE | RES **UNDISCLOSED** LT-1 | CAN **TITANIUM DIOXIDE** LT-1 | CAN | END]

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

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

INVENTORY AND SCREENING NOTES:

Percentages (%) provided as ranges to protect proprietary information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: RFCI FloorScore IAQ Certified
Multi-attribute: NSF/ANSI 332 Resilient Flooring: Gold

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-01-12

PUBLISHED DATE: 2018-07-05

EXPIRY DATE: 2021-01-12



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

ROPPE RUBBER STAIR TREAD

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: There are no known residuals or impurities.

OTHER PRODUCT NOTES: None

KAOLIN CLAY

ID: 1332-58-7

| | | | | |
|----------------------|------------|----------|----------|----------------------|
| %: 45.0000 - 60.0000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Mineral Filler |
|----------------------|------------|----------|----------|----------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

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

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

| | | | | |
|----------------------|------------|----------|----------|---------------|
| %: 22.0000 - 38.0000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Polymer |
|----------------------|------------|----------|----------|---------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

| | | | | |
|--------------------|------------|----------|----------|----------------|
| %: 1.5000 - 4.0000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Softener |
|--------------------|------------|----------|----------|----------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

UNDISCLOSED

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|
| %: 1.0000 - 1.4000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Processing Aid |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None****UNDISCLOSED**

| | | | | |
|---------------------------|------------------|-----------------|-----------------|-----------------------------|
| %: 0.9000 - 1.1000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Processing Aid |
|---------------------------|------------------|-----------------|-----------------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|
| %: 0.9000 - 1.5000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Processing Aid |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None****UNDISCLOSED**

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|
| %: 0.8000 - 1.1000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Processing Aid |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

UNDISCLOSED

#: **0.5000 - 0.8000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Processing Aid**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

#: **0.4000 - 0.8000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Processing Aid**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R45 - May cause cancer

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: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

#: **0.4000 - 0.8000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Processing Aid**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R45 - May cause cancer

| | | |
|----------|----------------------------|--|
| 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: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

#: **0.4000 - 0.7000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Processing Aid**

HAZARDS: AGENCY(IES) WITH WARNINGS:

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

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

#: **0.3500 - 0.6000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Processing Aid**

HAZARDS: AGENCY(IES) WITH WARNINGS:

| | |
|------------|---|
| None Found | No warnings found on HPD Priority lists |
|------------|---|

SUBSTANCE NOTES: **None**

UNDISCLOSED

#: **0.3000 - 0.6000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Processing Aid**

HAZARDS: AGENCY(IES) WITH WARNINGS:

| | | |
|----------|---|----------------------------|
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
|----------|---|----------------------------|

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

| | | | | |
|---------------------------|-----------------|-----------------|-----------------|----------------------|
| %: 0.3000 - 6.0000 | GS: BM-2 | RC: None | NANO: No | ROLE: Pigment |
|---------------------------|-----------------|-----------------|-----------------|----------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER**MAK**

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

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|
| %: 0.2000 - 0.3500 | GS: LT-UNK | RC: None | NANO: No | ROLE: Processing Aid |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None****UNDISCLOSED**

| | | | | |
|---------------------------|------------------|-----------------|-----------------|-----------------------------|
| %: 0.1500 - 0.3500 | GS: LT-P1 | RC: None | NANO: No | ROLE: Processing Aid |
|---------------------------|------------------|-----------------|-----------------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE**TEDX - Potential Endocrine Disruptors**

Potential Endocrine Disruptor

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|
| %: 0.0500 - 0.0900 | GS: LT-UNK | RC: None | NANO: No | ROLE: Processing Aid |
|---------------------------|-------------------|-----------------|-----------------|-----------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN**EU - R-phrases****R22 - Harmful if Swallowed****SKIN IRRITATION****EU - R-phrases****R38 - Irritating to skin****EYE IRRITATION****EU - R-phrases****R41 - Risk of serious damage to eyes****RESPIRATORY****EU - R-phrases****R42 - May cause sensitization by inhalation****SKIN SENSITIZE****EU - R-phrases****R43 - May cause sensitization by skin contact****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) | H318 - Causes serious eye damage |
| RESPIRATORY | EU - GHS (H-Statements) | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| RESPIRATORY | MAK | Sensitizing Substance Sa - Danger of airway sensitization |

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

UNDISCLOSED

#: **0.0500 - 5.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

TITANIUM DIOXIDE

ID: **13463-67-7**

#: **0.0000 - 12.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

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: Hazards as shown above may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.

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 IAQ Certified

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/RoppeCorp_2017_SCS-FS-02235_s.pdf

ISSUE DATE:

2017-09-01

EXPIRY DATE:

2018-06-30

CERTIFIER OR LAB:

SCS Global Services

CERTIFICATION AND COMPLIANCE NOTES: **RFCI FloorScore Indoor Air Quality (IAQ) Certification is in compliance with CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring.**

MULTI-ATTRIBUTE

NSF/ANSI 332 Resilient Flooring: Gold

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/Roppe_2016_SCS-RF-04162_s2.pdf

ISSUE DATE:

2016-09-30

EXPIRY DATE:

2019-09-30

CERTIFIER OR LAB: **SCS**

Global Services

CERTIFICATION AND COMPLIANCE NOTES: **NSF/ANSI 332 is a voluntary, multi-attribute standard that evaluates the environmental and social impacts of resilient flooring products. Qualification of certification under this standard requires conformance to criteria including product design, product manufacturing, long-term value, end of life management, corporate governance, and innovation. Roppe Rubber Tile and Stair Tread products have been certified to the Gold level of NSF/ANSI 332 (Third Tier certification, moving toward best practices).**

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.

EXCELSIOR AW-510

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

AW-510 is an acrylic wet-set adhesive used for the permanent installation of dimensionally stable vinyl, rubber and quartz flooring, wall base and stair tread products. AW-510 is water-based, low VOC and solvent free. AW-510 is RFCI FloorScore® Indoor Air Quality (IAQ) certified by SCS Global Services, indicating compliance with CDPH/EHLB Standard Method v1.1-2012 (California Section 01350), effective January 1, 2012, for the school classroom, private office, and single-family residence parameters when modeled as flooring (Registration # SCS-FS-02963, valid from March 1, 2018 to February 28, 2019, Certificate URL: https://www.scs-certified.com/products/cert_pdfs/RHC_2018_SCS-FS-02963_s.pdf). Technical Data Sheet URL: http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_AW-510_DataSheet.pdf

EXCELSIOR EW-710

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

EW-710 is a non-flammable two-part urethane-modified epoxy adhesive used for the permanent, indoor installation of vinyl, rubber and quartz flooring products. EW-710 is low VOC and solvent free. EW-710 is RFCI FloorScore® Indoor Air Quality (IAQ) certified by SCS Global Services, indicating compliance with CDPH/EHLB Standard Method v1.1-2012 (California Section 01350), effective January 1, 2012, for the school classroom, private office, and single-family residence parameters when modeled as flooring (Registration # SCS-FS-02963, valid from March 1, 2018 to February 28, 2019, Certificate URL: https://www.scs-certified.com/products/cert_pdfs/RHC_2018_SCS-FS-02963_s.pdf). Technical Data Sheet URL: http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_EW-710_DataSheet.pdf

EXCELSIOR EN-610

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

EN-610 is a two-component, solvent free epoxy caulk adhesive designed for use with indoor installations of stair treads and stair nosings. EN-610 is RFCI FloorScore® Indoor Air Quality (IAQ) certified by SCS Global Services, indicating compliance with CDPH/EHLB Standard Method v1.1-2012 (California Section 01350), effective January 1, 2012, for the school classroom, private office, and single-family residence parameters when modeled as flooring (Registration # SCSFS-02963, valid from March 1, 2018 to February 28, 2019, Certificate URL: https://www.scs-certified.com/products/cert_pdfs/RHC_2018_SCS-FS-02963_s.pdf). Technical Data Sheet URL: http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_EN-610_DataSheet.pdf

Section 5: General Notes

Roppe Rubber Stair Treads offer raised design profiles that promote excellent water drainage by safely channeling liquids off the walking surface. Roppe Rubber Stair Treads are the perfect complement to flooring projects in schools, shopping malls, retail settings, government centers, hospitals or airports. Most styles offer ADA nose-compliant features, provide underfoot comfort, and reduced noise from foot traffic. Most treads have a coordinating tile design and are available within our variety of color palettes – Solid, Marble, Symmetry, Fiesta, and Marble Fiesta. Roppe Rubber Treads are available in the following profiles: • Raised Circular Vantage Design with or without the riser; extended depth and up to 9ft. • Hammered Design with or without the riser and up to 9ft. • Raised Square Design without riser and up to 9ft. • Textured Design without riser and up to 9ft. • Diamond Design without riser and up to 9ft. • Low Profile Raised Circular without riser and up to 6ft. • Ribbed Design without riser and up to 6ft. • Heavy & Light Duty Smooth Designs with or without a tactile strip* and up to 6ft. (*Abrasive strip in 2-3/4” or 1-2” options and Smooth or Ribbed Rubber Inserts) Roppe Rubber Stair Treads are Free of PVC, phthalates and halogens. The treads are also made in the U.S.A. and meet FloorScore®, NSF 332 Gold and CHPS criteria. Roppe Rubber Treads homogenous vulcanized formulation is screened according to current authoritative lists and does not contain any chemicals contained in the Living Future Institute's Red List (Living Building Challenge, Imperative 10), substances of very high concern (SVHC) on the REACH candidate list, or substances restricted under REACH. Components designated as "Undisclosed" are kept confidential to protect proprietary information. Hazards as shown in this Health Product Declaration may not represent a significant health risk, as exposure pathways and other factors in risk assessment are not defined. Hazards are applicable to the initial substance, whereas the end product is a solid vulcanized rubber flooring part.



MANUFACTURER INFORMATION

MANUFACTURER: **Roppe Corporation**
ADDRESS: **1602 North Union Street**
Fostoria OH 44830-1158, United States
WEBSITE: **https://roppe.com/**

CONTACT NAME: **Jacob Gentillon**
TITLE: **Chemist**
PHONE: **4196193388**
EMAIL: **jkgentillon@roppe.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.