

HPD UNIQUE IDENTIFIER: 23563

CLASSIFICATION: 09 65 00 Resilient Flooring

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

CONTENT IN DESCENDING ORDER OF QUANTITY

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

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** | **AQU** | **SKI** | **MUL** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **BM-1** | **RES** | **AQU** | **MUL** **UNDISCLOSED** **LT-1** | **CAN** **UNDISCLOSED** **LT-1** | **CAN** | **MUL** **UNDISCLOSED** **LT-1** | **CAN** | **MUL** **UNDISCLOSED** **NoGS** **UNDISCLOSED** **LT-P1** | **MUL** **UNDISCLOSED** **BM-2** | **CAN** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-P1** | **END** **UNDISCLOSED** **LT-UNK** | **RES** | **SKI** | **EYE** **UNDISCLOSED** **LT-1** | **CAN** **TITANIUM DIOXIDE** **LT-1** | **CAN** | **END** **CORK GRANULES** **NoGS**]

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:

Some material identifications are withheld and marked as "undisclosed" to protect proprietary information. Percentages (%) provided as ranges to protect proprietary information.

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 IAQ Certified

Multi-attribute: NSF/ANSI 332 Resilient Flooring: Platinum

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified? <input type="radio"/> Yes	PREPARER: Self-Prepared VERIFIER:	SCREENING DATE: 2018-01-12 PUBLISHED DATE: 2021-01-25
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This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

ROPPE RUBBER STAIR TREAD

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were “Considered”, as outlined in Emerging Best Practices. Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier disclosure letter and as predicted by process chemistry (Pharos CML).

OTHER PRODUCT NOTES: None

KAOLIN CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2018-01-12

%: 45.0000 - 60.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2018-01-12

%: 22.0000 - 38.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES: A residual of 6PPD (CASRN 793-24-8) is expected to be present based upon process chemistry via the Pharos Chemical and Materials Library. However, this substance is not included in the content inventory because supplier documentation indicates that 6PPD is not used in the manufacturing process.

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2018-01-12

%: 1.5000 - 4.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: **Softener**

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

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

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-01-12**%: **1.0000 - 1.4000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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

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

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-01-12**%: **0.9000 - 1.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	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

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-01-12**%: **0.9000 - 1.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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

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

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-01-12**%: **0.8000 - 1.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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

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.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-01-12**%: **0.5000 - 0.8000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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

SUBSTANCE NOTES: 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.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-01-12**%: **Impurity/Residual** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
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	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]
CAN	GHS - Australia	H350i - May cause cancer by inhalation

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.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-01-12**%: **0.4000 - 0.8000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H350 - May cause cancer
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CAN	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

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12	
%: 0.4000 - 0.8000		GS: LT-1	RC: None NANO: No SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CAN	EU - GHS (H-Statements)	H350 - May cause cancer	
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man	
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant	
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence	
CAN	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

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12		
%: 0.3500 - 0.6000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
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

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12	
%: 0.3000 - 0.6000	GS: LT-P1	RC: None	NANO: No
SUBSTANCE ROLE: Processing regulator			

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
<p>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.</p>		

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12		
%: 0.3000 - 6.0000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	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

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12		
%: 0.2000 - 0.3500		GS: LT-UNK		RC: None NANO: No SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
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

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12		
%: 0.1500 - 0.3500		GS: LT-P1		RC: None NANO: No SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	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

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12		
%: 0.0500 - 0.0900	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage
RES	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
RES	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					ID: Undisclosed
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2018-01-12		
%: 0.0500 - 5.0000		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen		
CAN	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
CAN	MAK		Carcinogen Group 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
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2018-01-12		
%: 0.0000 - 12.0000		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen		
CAN	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
CAN	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.

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-01-12		
%: 0.0000 - 3.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: 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.scscertified.com/products/cert_pdfs/RoppeCorp_2020_SCS-FS-02235_s.pdf	ISSUE DATE: 2020-07-01	EXPIRY DATE: 2021-06-30	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: Platinum		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://www.scscertified.com/products/cert_pdfs/Roppe_2020_SCS-RF-04162_s.pdf	ISSUE DATE: 2020-04-01	EXPIRY DATE: 2022-12-31	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 Platinum level of NSF/ANSI 332.			

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 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 29, 2020, Certificate URL: https://www.scscertified.com/products/cert_pdfs/RHC_2019_SCS-FS-02963_s2.pdf). Technical Data Sheet URL: http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_EN-610_DataSheet.pdf . VOC Content: <12 g/l.	
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.scscertified.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 . VOC Content: <0.1 g/l.	
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. VOC Content: <12 g/l.

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, ReNew 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.
- Risers and Stringers
- 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 Platinum 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: 419-435-8546 Ext. 5115
EMAIL: jkgentillon@roppe.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

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

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.