

HPD UNIQUE IDENTIFIER: 23599

CLASSIFICATION: 09 65 00 Resilient Flooring

PRODUCT DESCRIPTION: Roppe has engineered the world’s first rubber stair treads with DuPont™ Kevlar® because your stairs are being put to the test every single day. From normal wear and tear to downright abuse, Roppe Rubber Stair Treads with DuPont™ Kevlar® will resist damage that detracts from the appearance and safety of your stairs – not just for a few years. For decades. Rubber Treads with Kevlar are free of Red List chemicals, PVC, phthalates and halogens. They are made in the U.S.A. and meet FloorScore®, NSF332 Platinum and CHPS criteria. Rubber Treads with Kevlar fully conform with ASTM F2169, Type TS and provide unrivaled durability and reliability backed by our industry-leading 25-year warranty.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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 TREADS WITH DUPONT™ KEVLAR® [

KAOLIN CLAY LT-UNK | CAN **STYRENE BUTADIENE RUBBER (SBR)**

LT-UNK **UNDISCLOSED** LT-UNK **UNDISCLOSED** NoGS **UNDISCLOSED**

LT-UNK **EPOXIDIZED SOYBEAN OIL** LT-P1 **UNDISCLOSED** LT-P1 |

AQU | SKI | MUL **UNDISCLOSED** LT-UNK **PARA-ARAMID FIBRILS** LT-

UNK **UNDISCLOSED** BM-1 | RES | AQU | MUL | END **UNDISCLOSED** LT-

1 | CAN | MUL **UNDISCLOSED** LT-1 | CAN | MUL **UNDISCLOSED** BM-2 |

END | MUL **UNDISCLOSED** LT-P1 | MUL **UNDISCLOSED** LT-UNK

UNDISCLOSED LT-P1 | END **UNDISCLOSED** LT-1 | CAN | END

UNDISCLOSED BM-1 | CAN **UNDISCLOSED** BM-1 | CAN

UNDISCLOSED LT-UNK]

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

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2021-01-26
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2021-01-26
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2024-01-26

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 TREADS WITH DUPONT™ KEVLAR®

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: Percentage (%) provided as a range to protect proprietary information.

KAOLIN CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-26

?: 50.0000 - 62.0000

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: 2021-01-26

?: 20.0000 - 32.0000

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.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-26

?: 3.0000 - 5.0000

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: **2021-01-26**%: **1.2000 - 1.6000** 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: **2021-01-26**%: **1.1000 - 1.3000** 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.

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-26**%: **1.0000 - 2.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

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: **2021-01-26**%: **0.8000 - 1.2000** 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: **2021-01-26**%: **0.8000 - 1.2000** 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.

PARA-ARAMID FIBRILS

ID: 24938-64-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-26**%: **0.7000 - 1.5000** 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: Percentage (%) provided as a range to protect proprietary information.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-26**%: **0.6000 - 1.0000** 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
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: **2021-01-26**%: **0.4000 - 0.8000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

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	GHS - Australia	H350 - May cause cancer
<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: 2021-01-26			
%: 0.4000 - 0.8000		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
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	GHS - Australia		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: 2021-01-26		
%: 0.4000 - 0.6000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	ChemSec - SIN List		Endocrine Disruption	
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
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.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-26		
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%: 0.2000 - 0.4000 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

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: **2021-01-26**

%: 0.1000 - 0.3000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Antioxidant

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: **2021-01-26**

%: 0.1000 - 0.3000 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: **2021-01-26**

%: 0.0000 - 8.0000 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
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing 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: 2021-01-26		
%: 0.0000 - 6.0000	GS: BM-1	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: 2021-01-26		
%: 0.0000 - 5.0000	GS: BM-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.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-26		
%: Impurity/Residual	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
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_2019_SCS-FS-02235_s2.pdf	ISSUE DATE: 2019-07-01	EXPIRY DATE: 2020-06-30	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.			

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, 2019 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, 2019 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_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, 2019 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_EW-710_DataSheet.pdf . VOC Content: <12 g/l.	

Section 5: General Notes

Roppe Rubber Stair Treads with Kevlar are Free of PVC, phthalates, and halogens. The treads are also made in the U.S.A. and meet FloorScore® certification. The Roppe Rubber Stair Treads with Kevlar 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, United States of America
WEBSITE: <https://roppe.com/>

CONTACT NAME: Jacob Gentillon
TITLE: Chemist
PHONE: 419-435-8546
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.