

**CLASSIFICATION:** 09650

**PRODUCT DESCRIPTION:** Roppe ESD Vinyl Static Control Tile is a vinyl flooring product designed to prevent electrostatic discharge (ESD) related damage. To control the static charge, Roppe combines conductive or dissipative vinyl tile with a specially-formulated conductive adhesive. This creates a conductive pathway which allows the static to flow through the tile and along the adhesive to the ground point. That makes Roppe ESD static control vinyl flooring an effective first-choice solution to control unwanted human body voltage in areas where employee mobility cannot be restricted by grounding wrist straps. Roppe ESD Vinyl Static Control Tile is formulated with Bioplasticizer and no post-consumer recycled content is used, eliminating the possibility of contamination by ortho-phthalates. These products are manufactured without the use of toxic heavy metals such as Lead, Cadmium, Chromium VI, or Arsenic and the PVC resin used is manufactured without using Mercury cell and Asbestos membranes. Roppe's ESD Vinyl Static Control Tile formulation is screened according to current authoritative lists and does not contain any substances of very high concern (SVHC) on the REACH candidate list or substances restricted under REACH.

## 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 ESD VINYL STATIC CONTROL TILE [ LIMESTONE; CALCIUM CARBONATE LT-UNK POLYVINYL CHLORIDE (PVC) LT-P1 | RES EPOXIDIZED SOYBEAN OIL LT-UNK UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END UNDISCLOSED LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | PBT | MUL UNDISCLOSED BM-3 UNDISCLOSED LT-P1 | MUL UNDISCLOSED BM-2 | CAN UNDISCLOSED LT-1 | CAN | END ]**

Number of Greenscreen BM-4/BM3 contents ... 1

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

#### INVENTORY AND SCREENING NOTES:

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: 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: 2018-10-11

PUBLISHED DATE: 2018-10-29

EXPIRY DATE: 2021-10-11



## Section 2: Content in Descending Order of Quantity

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

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

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

### ROPPE ESD VINYL STATIC CONTROL TILE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Percentages (%) provided as ranges to protect proprietary information.

OTHER PRODUCT NOTES: None.

#### LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 47.0000 - 59.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Mineral Filler
----------------------	------------	----------	----------	----------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None.

#### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 27.0000 - 39.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Binder
----------------------	-----------	----------	----------	--------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

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 vinyl flooring part.

#### EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

%: 8.0000 - 15.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Plasticizer
---------------------	------------	----------	----------	-------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None.

**UNDISCLOSED**

%: <b>0.6000 - 1.1000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Process Aid</b>
---------------------------	------------------	-----------------	-----------------	--------------------------

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 vinyl flooring part.

**UNDISCLOSED**

%: <b>0.3500 - 0.5000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
---------------------------	-------------------	-----------------	-----------------	-------------------------

HAZARDS:	AGENCY(IES) WITH WARNINGS:
----------	----------------------------

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

SUBSTANCE NOTES: **None.**

**UNDISCLOSED**

%: <b>0.3000 - 0.5000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Process Aid</b>
---------------------------	------------------	-----------------	-----------------	--------------------------

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 vinyl flooring part.

**UNDISCLOSED**

%: <b>0.2000 - 0.6000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Electrostatic Dissipative</b>
---------------------------	-----------------	-----------------	-----------------	--

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 vinyl flooring part.

**UNDISCLOSED**

#: **0.1500 - 0.4200** 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.****UNDISCLOSED**

#: **0.1000 - 0.2400** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**PBT** EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

**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 vinyl flooring part.

**UNDISCLOSED**

#: **0.0700 - 0.1500** 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: 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 vinyl flooring part.

**UNDISCLOSED**

#: **0.0100 - 0.0600** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabilizer**

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 vinyl flooring part.

**UNDISCLOSED**

#: 0.0000 - 8.0000

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 vinyl flooring part.

**UNDISCLOSED**

#: 0.0000 - 9.0000

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

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

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 vinyl 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\\_2018\\_SCS-FS-02222\\_s.pdf](https://www.scs-certified.com/products/cert_pdfs/RoppeCorp_2018_SCS-FS-02222_s.pdf)

ISSUE DATE:

2018-07-01

EXPIRY DATE:

2019-06-30

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. Registration # SCS-FS-02222.

### 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\\_2017\\_SCS-RF-04161\\_s.pdf](https://www.scs-certified.com/products/cert_pdfs/Roppe_2017_SCS-RF-04161_s.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 ESD static control vinyl tile has been certified to the Platinum level of NSF/ANSI 332. Registration # SCS-RF-04165

## 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 ASD-800

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

ASD-800 is an acrylic wet-set adhesive specifically designed for permanent indoor installation of ESD vinyl and rubber flooring materials. ASD-800 is water-based, low VOC and solvent free. ASD-800 is RFCI FloorScore® Indoor Air Quality (IAQ) certified by SCS Global Services, indicating compliance with CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April, 2017, 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](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\\_ASD-800\\_DataSheet.pdf](http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_ASD-800_DataSheet.pdf)

### EXCELSIOR USD-810

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

USD-810 is a two-part, solvent-free urethane adhesive used for the permanent installation of ESD vinyl and rubber flooring products. USD-810 is low VOC and solvent-free, yet is highly aggressive and cured to a flexible, ESD film for superior adhesion. USD-810 is RFCI FloorScore® Indoor Air Quality (IAQ) certified by SCS Global Services, indicating compliance with CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April, 2017, for the school classroom, private office, and single-family residence parameters when modeled as flooring (Registration # SCS-FS02963, 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](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\\_USD-810\\_DataSheet.pdf](http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_USD-810_DataSheet.pdf)

## Section 5: General Notes

Roppe's ESD Static Control Vinyl Tile formulation is screened according to current authoritative lists and does not contain any substances of very high concern (SVHC) on the REACH candidate list or substances restricted under REACH. Ingredients designated "Undisclosed" are kept confidential to protect proprietary information. Hazards 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 substances, whereas the end product is a solid vinyl flooring part.



## MANUFACTURER INFORMATION

---

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

CONTACT NAME: **Jacob Gentillon**  
TITLE: **Chemist**  
PHONE: **419-619-3388**  
EMAIL: **jkgentillon@gmail.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

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

### GreenScreen (GS)

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