Roppe Rubber Stair Tread
by Roppe Corporation

Health Product Declaration v2.2
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 21055
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
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:

Characterized
- Yes Ex/SC
- Yes
- No

% weight and role provided for all substances.

Screened
- Yes Ex/SC
- Yes
- No

All substances screened using Priority Hazard Lists with results disclosed.

Identified
- Yes Ex/SC
- Yes
- 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 TREAD | KAOLIN CLAY LT-UNK | CAN | STYRENE BUTADIENE RUBBER (SBR) LT-UNK | EPOXIDIZED SOYBEAN OIL LT-UNK | UNDISCLOSED LT-UNK | UNDISCLOSED LM-1 | 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-1 | MUL | UNDISCLOSED BM-2 | CAN | UNDISCLOSED LT-UNK | UNDISCLOSED LT-1 | CAN | END | UNDISCLOSED LT-1 | CAN | END | UNDISCLOSED LT-1 | CAN | END | CORK GRANULES NoGS

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

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

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.
<table>
<thead>
<tr>
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<th></th>
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<tbody>
<tr>
<td>Yes</td>
<td>VERIFIER:</td>
<td>PUBLISHED DATE: 2020-07-16</td>
</tr>
<tr>
<td>No</td>
<td>VERIFICATION #:</td>
<td>EXPIRY DATE: 2021-01-12</td>
</tr>
</tbody>
</table>
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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-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

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<tr>
<th>%</th>
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<tr>
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<td>LT-UNK</td>
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<td>RC</td>
<td>None</td>
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<tr>
<td>NANO</td>
<td>No</td>
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<tr>
<td>SUBSTANCE ROLE</td>
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</table>

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

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

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<td>LT-UNK</td>
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<tr>
<td>NANO</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE</td>
<td>Polymer species</td>
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**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

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

Roppe Rubber Stair Tread

[hpdcollaborative.org](http://hpdcollaborative.org)
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

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

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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

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

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

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

**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 |

<table>
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<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
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### UNDISCLOSED

**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 |

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
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<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOE - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

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### UNDISCLOSED

**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 |

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
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</tr>
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<tbody>
<tr>
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<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - New Zealand</td>
<td>6.7A - Known or presumed human carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
<td>H350i - May cause cancer by inhalation</td>
</tr>
</tbody>
</table>

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UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2018-01-12

<table>
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<tr>
<th>%: 0.4000 - 0.8000</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Processing regulator</th>
</tr>
</thead>
</table>

HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</td>
</tr>
</tbody>
</table>

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HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS
--- | --- | ---
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

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**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

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**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
--- | --- | ---
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**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2018-01-12

<p>| %: 0.3000 - 6.0000 | GS: BM-2 | RC: None | NANO: No | SUBSTANCE ROLE: Pigment |
| | | | | |</p>
<table>
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<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

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---

**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

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---

**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**

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**

**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**

ENDOCRINE  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

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<th>HAZARD TYPE</th>
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<th>WARNINGS</th>
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<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<tr>
<td>EYE IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H318 - Causes serious eye damage</td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>EU - GHS (H-Statements)</td>
<td>H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
</tr>
<tr>
<td></td>
<td>MAK</td>
<td>Sensitizing Substance Sa - Danger of airway sensitization</td>
</tr>
</tbody>
</table>

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<tbody>
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<td>RC: None</td>
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<td></td>
<td>NANO: No</td>
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<td>SUBSTANCE ROLE: Pigment</td>
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<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
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<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
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</tbody>
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TITANIUM DIOXIDE

<table>
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<th>HAZARD SCREENING DATE: 2018-01-12</th>
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<td>SUBSTANCE ROLE: Pigment</td>
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<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
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<tr>
<td>-------------</td>
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</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
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</tbody>
</table>

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.

CORK GRANULES

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-01-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0000 - 3.0000</td>
<td>GS: NoGS</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>SUBSTANCE ROLE: Filler</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>RFCI FloorScore IAQ Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-07-01</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2021-06-30</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>SCS Global Services</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>NSF/ANSI 332 Resilient Flooring: Platinum</th>
</tr>
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<tbody>
<tr>
<td>APPPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-04-01</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2022-12-31</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>SCS Global Services</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</th>
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</thead>
</table>

**EXCELSIOR AW-510**

<table>
<thead>
<tr>
<th>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</th>
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</thead>
<tbody>
<tr>
<td>No HPD available</td>
</tr>
</tbody>
</table>

Roppe Rubber Stair Tread
hpdrepository.hpd-collaborative.org

HPD v2.2 created via HPDC Builder Page 11 of 13

EXCELSIOR EW-710

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.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_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. • 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.
Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Roppe Corporation**  
ADDRESS: 1602 North Union Street  
Fostoria OH 44830-1158, United States  
WEBSITE: [https://roppe.com/](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
- CAN Cancer
- DEV Developmental toxicity
- END Endocrine activity
- EYE Eye irritation/corrosivity
- GEN Gene mutation
- GLO Global warming

**GreenScreen (GS)**

- BM-4 Benchmark 4 (prefer-safer chemical)
- BM-3 Benchmark 3 (use but still opportunity for improvement)
- 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)
- LT-1 List Translator 1 (Likely Benchmark-1)
- 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.)
- 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.