

CLASSIFICATION: 09650

PRODUCT DESCRIPTION: Roppe® Thermoplastic Rubber (TPR) Wall Base products encompass 700 Series™ Wall Base and Contours™ Profiled Wall Base system. Composed of a resilient rubber-vinyl blend, Roppe TPR Wall Base products provide good flexibility while maintaining dimensional stability. Precise gauging and uniform height conceal floor and wall irregularities. Roppe TPR Wall Base 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 TPR Wall Base 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 TPR WALL BASE [LIMESTONE; CALCIUM CARBONATE LT-UNK
POLYVINYL CHLORIDE (PVC) LT-P1 | RES EPOXIDIZED SOYBEAN OIL LT-
UNK UNDISCLOSED LT-P1 | END UNDISCLOSED LT-P1 | MUL
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 |
PBT | MUL UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-UNK
UNDISCLOSED LT-1 | CAN UNDISCLOSED LT-1 | CAN | END
UNDISCLOSED BM-2 | CAN]

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

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: 2018-10-09

PUBLISHED DATE: 2018-10-29

EXPIRY DATE: 2021-10-09



Section 2: Content in Descending Order of Quantity

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

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

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

ROPPE TPR WALL BASE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER PRODUCT NOTES: None.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

| | | | | |
|----------------------|------------|----------|----------|----------------------|
| %: 56.0000 - 68.0000 | 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

| | | | | |
|----------------------|-----------|----------|----------|--------------|
| %: 19.0000 - 27.0000 | 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

| | | | | |
|----------------------|------------|----------|----------|------------------|
| %: 12.0000 - 20.0000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Plsticizer |
|----------------------|------------|----------|----------|------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None.

UNDISCLOSED

| | | | | |
|---------------------------|------------------|-----------------|-----------------|--------------------------|
| %: 0.2800 - 0.4000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Process Aid |
|---------------------------|------------------|-----------------|-----------------|--------------------------|

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

| | | |
|-----------|---------------------------------------|-------------------------------|
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
|-----------|---------------------------------------|-------------------------------|

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

UNDISCLOSED

| | | | | |
|---------------------------|------------------|-----------------|-----------------|--------------------------|
| %: 0.1800 - 0.3000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Process Aid |
|---------------------------|------------------|-----------------|-----------------|--------------------------|

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

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

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

UNDISCLOSED

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-------------------------|
| %: 0.1000 - 0.2000 | 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

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-------------------------|
| %: 0.0800 - 0.1800 | 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

| | | | | |
|---------------------------|------------------|-----------------|-----------------|-------------------------|
| %: 0.0500 - 0.1700 | 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

#: 0.0200 - 0.1000

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 - 10.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Synthetic Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None.

UNDISCLOSED

#: 0.0000 - 7.0000

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

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

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

UNDISCLOSED

#: 0.0000 - 12.0000

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|-----------|---------------------------------------|--|
| CANCER | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CANCER | CA EPA - Prop 65 | Carcinogen - specific to chemical form or exposure route |
| CANCER | IARC | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| CANCER | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| 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.

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.

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-03036_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-03036

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-04163_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 TPR Wall Base products have been certified to the Gold level of NSF/ANSI 332 (Third Tier certification, moving toward best practices). Registration # SCS-RF-04163

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

EXCELSIOR AW-510

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

AW-510 is an acrylic wet-set adhesive used for the permanent installation of dimensionally stable vinyl, rubber and quartz flooring, wall base and stair tread products. AW-510 is water-based, low VOC and solvent free. AW-510 is RFCI FloorScore® Indoor Air Quality (IAQ) certified by SCS Global Services, indicating compliance with CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 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). Technical Data Sheet URL: http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_AW-510_DataSheet.pdf

EXCELSIOR WB-600

HPD URL: **No HPD available**

WB-600 is a solvent-free, high performance, acrylic wet-set adhesive specifically designed for permanent installation of rubber, TPR and vinyl wall base products and pre-formed corners on vertical surfaces. WB-600 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 1, 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). Technical Data Sheet URL: http://excelsiorproducts.net/wp-content/uploads/2017/01/Excelsior_WB-600_DataSheet.pdf

Section 5: General Notes

Roppe's TPR Wall Base 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**
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CONTACT NAME: **Jacob Gentillon**
TITLE: **Chemist**
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EMAIL: **jkgentillon@roppe.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

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

GreenScreen (GS)

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

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.