

**HPD UNIQUE IDENTIFIER:** 142993914880

**CLASSIFICATION:** 09 65 00 Resilient Flooring

**PRODUCT DESCRIPTION:** Flexco® Vinyl Stair Treads, Risers and Stringers are specifically designed for use on all interior stairs, including pan-filled concrete and wood substrates. Vinyl Stair treads are extruded and molded from a high-grade vinyl compound that is solid, homogeneous and durable. Flexco vinyl stair treads are also non-conductive and resist scuffing, gouging and most chemicals and common substances. Vinyl stair treads are ideal for indoor use in most commercial, industrial or residential applications, such as schools, hospitals, department stores, government buildings, hotels, dormitories, sports complexes, airport terminals, shopping malls and any other public or private building. Flexco Vinyl Stair Tread 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. Flexco's Vinyl Stair Tread 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

|                                               |                                          |                                                               |                                                                                    |
|-----------------------------------------------|------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Inventory Reporting Format</b>             | <b>Threshold Level</b>                   | <b>Residuals/Impurities Evaluation</b>                        | <i>For all contents above the threshold, the manufacturer has:</i>                 |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> Completed                    | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm          | <input type="radio"/> Partially Completed                     | <i>Provided weight and role.</i>                                                   |
| <b>Threshold Disclosed Per</b>                | <input type="radio"/> Per GHS SDS        | <input type="radio"/> Not Completed                           | <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                | <input type="radio"/> Other              | <b>Explanation(s) provided :</b>                              | <i>Provided screening results using HPDC-approved methods.</i>                     |
| <input checked="" type="radio"/> Product      |                                          | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Identified</b> <input type="radio"/> Yes <input checked="" type="radio"/> No    |
|                                               |                                          |                                                               | <i>Provided name and CAS RN or other identifier.</i>                               |

CONTENT IN DESCENDING ORDER OF QUANTITY

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

**PRODUCT** | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

**GREENSCREEN SCORE** | HAZARD TYPE

**FLEXCO VINYL STAIR TREADS** [ **KAOLIN CLAY** **LT-UNK** ] CAN

**POLYVINYL CHLORIDE (PVC)** **LT-P1** ] MAM **LIMESTONE; CALCIUM CARBONATE** **BM-3dg** **EPOXIDIZED SOYBEAN OIL** **LT-P1** ] AQU

**UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **BM-1** ] CAN | END | MAM

**UNDISCLOSED** **BM-1** ] CAN | MAM **UNDISCLOSED** **BM-1** ] CAN | EYE | MAM | PHY **UNDISCLOSED** **BM-1** ] MUL **UNDISCLOSED** **LT-UNK**

**UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-P1** ] END **UNDISCLOSED** **BM-1** ] PBT | MUL | MAM | EYE

**UNDISCLOSED** **LT-P1** ] MUL ]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-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

: NSF/ANSI 332 Resilient Flooring: Platinum

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2024-03-22 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2024-03-22 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2027-03-22    |

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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

FLEXCO VINYL STAIR TREADS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

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

OTHER PRODUCT NOTES: None.

KAOLIN CLAY

ID: 1332-58-7

|                                                           |                      |                                                                                              |                                            |                        |
|-----------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------|--------------------------------------------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      |                                                                                              | HAZARD SCREENING DATE: 2024-03-22 13:01:52 |                        |
| %: 18.0000 - 32.0000                                      | GreenScreen: LT-UNK  | RC: None                                                                                     | NANO: No                                   | SUBSTANCE ROLE: Filler |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                                                                     |                                            |                        |
| CAN                                                       | MAK                  | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |                                            |                        |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE | NOTIFICATION                                                                                 |                                            |                        |
| None found                                                |                      | No listings found on Additional 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 vinyl flooring part.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

|                                                           |                      |                                                                                                                                                           |                                            |                                 |
|-----------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      |                                                                                                                                                           | HAZARD SCREENING DATE: 2024-03-22 13:01:53 |                                 |
| %: 18.0000 - 30.0000                                      | GreenScreen: LT-P1   | RC: None                                                                                                                                                  | NANO: No                                   | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                  |                                            |                                 |
| MAM                                                       | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |                                            |                                 |
| MAM                                                       | GHS - Japan          | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                            |                                 |

| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST                                                                                                                                                                                                                                                          | Perkins+Will (P+W)                                      | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance                                                                                 |
| RESTRICTED LIST                                                                                                                                                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions                                                       |
| RESTRICTED LIST                                                                                                                                                                                                                                                          | International Living Future Institute (ILFI)            | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| 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. |                                                         |                                                                                                                                                                            |

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

|                                                                                                                                                                                                                                                                          |                            |                 |                                                   |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                         |                            |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:52</b> |                               |
| %: <b>12.0000 - 28.0000</b>                                                                                                                                                                                                                                              | GreenScreen: <b>BM-3dg</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                              | LIST NAME AND SOURCE       |                 | WARNINGS                                          |                               |
| None found                                                                                                                                                                                                                                                               |                            |                 | No warnings found on HPD Priority Hazard Lists    |                               |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                               |
| None found                                                                                                                                                                                                                                                               |                            |                 | No listings found on Additional 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 vinyl flooring part. |                            |                 |                                                   |                               |

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

|                                                                  |                           |                                                           |                 |                                    |
|------------------------------------------------------------------|---------------------------|-----------------------------------------------------------|-----------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           | HAZARD SCREENING DATE: <b>2024-03-22 13:01:53</b>         |                 |                                    |
| %: <b>10.0000 - 22.0000</b>                                      | GreenScreen: <b>LT-P1</b> | RC: <b>None</b>                                           | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Plasticizer</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE      | WARNINGS                                                  |                 |                                    |
| AQU                                                              | GHS - New Zealand         | Hazardous to the aquatic environment - chronic category 2 |                 |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE      | NOTIFICATION                                              |                 |                                    |
| None found                                                       |                           | No listings found on Additional 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 vinyl flooring part.

UNDISCLOSED

ID: **Undisclosed**

|                                                                  |                            |                 |                                                   |                                        |  |
|------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|----------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:53</b> |                                        |  |
| %%: <b>2.0000 - 10.0000</b>                                      | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Polymer species</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                 | WARNINGS                                          |                                        |  |
| None found                                                       |                            |                 | No warnings found on HPD Priority Hazard Lists    |                                        |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                                        |  |
| None found                                                       |                            |                 | No listings found on Additional 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 vinyl flooring part.

UNDISCLOSED

ID: **Undisclosed**

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|------------------------------------------------------------------|-------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:54</b>                                                                                                         |                                |
| %%: <b>0.0000 - 10.0000</b>                                      | GreenScreen: <b>BM-1</b>                  | RC: <b>None</b> | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      |                 | 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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value                                                      |                                |
| END                                                              | TEDX - Potential Endocrine Disruptors     |                 | Potential Endocrine Disruptor                                                                                                                             |                                |
| CAN                                                              | MAK                                       |                 | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |                                |
| CAN                                                              | IARC                                      |                 | Group 2b - Possibly carcinogenic to humans                                                                                                                |                                |
| CAN                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 |                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                |
| CAN                                                              | GHS - Japan                               |                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                |
| MAM                                                              | GHS - Japan                               |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                   | NOTIFICATION                                                                                                                          |
|---------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)            | US EPA - DfE Safer Chemicals Ingredients list (SCIL)<br><br>Colorants - Green Circle (Verified Low Concern)                           |

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

ID: Undisclosed

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                                                                                                                                                           | HAZARD SCREENING DATE: <b>2024-03-22 13:01:54</b> |                                |
|------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|
| %: <b>0.0000 - 7.0000</b>                                        | GreenScreen: <b>BM-1</b> | RC: <b>None</b>                                                                                                                                           | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     | WARNINGS                                                                                                                                                  |                                                   |                                |
| CAN                                                              | MAK                      | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                                                              |                                                   |                                |
| MAM                                                              | GHS - Japan              | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                                   |                                |
| MAM                                                              | GHS - Japan              | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |                                                   |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     | NOTIFICATION                                                                                                                                              |                                                   |                                |
| None found                                                       |                          | No listings found on Additional 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 vinyl flooring part.

UNDISCLOSED

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|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:54</b> |                                |
| %: <b>0.0000 - 6.0000</b>                                        | GreenScreen: <b>BM-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Pigment</b> |

| HAZARD TYPE | LIST NAME AND SOURCE              | WARNINGS                                                                                                                                                  |
|-------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN         | US CDC - Occupational Carcinogens | Occupational Carcinogen                                                                                                                                   |
| CAN         | MAK                               | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                                                              |
| CAN         | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route                                                                                                  |
| CAN         | IARC                              | Group 2b - Possibly carcinogenic to humans                                                                                                                |
| EYE         | GHS - New Zealand                 | Eye irritation category 2                                                                                                                                 |
| CAN         | GHS - New Zealand                 | Carcinogenicity category 2                                                                                                                                |
| CAN         | GHS - Japan                       | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| MAM         | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| PHY         | GHS - Japan                       | H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]                                                                  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional 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 vinyl flooring part.

## UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-03-22 13:01:54**

%: **0.7000 - 1.2000**
 GreenScreen: **BM-1**
 RC: **None**
 NANO: **No**
 SUBSTANCE ROLE: **Processing regulator**

| HAZARD TYPE         | LIST NAME AND SOURCE                         | WARNINGS                                                                                                                                                                   |
|---------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters  | Class 2 - Hazard to Waters                                                                                                                                                 |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION                                                                                                                                                               |
| RESTRICTED LIST     | International Living Future Institute (ILFI) | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |

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

ID: **Undisclosed**

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|----------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                         |                            |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:54</b> |                                              |  |
| %: <b>0.2500 - 0.6000</b>                                                                                                                                                                                                                                                | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Heat or UV stabilizer</b> |  |
| HAZARD TYPE                                                                                                                                                                                                                                                              | LIST NAME AND SOURCE       |                 | WARNINGS                                          |                                              |  |
| None found                                                                                                                                                                                                                                                               |                            |                 | No warnings found on HPD Priority Hazard Lists    |                                              |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                                              |  |
| None found                                                                                                                                                                                                                                                               |                            |                 | No listings found on Additional 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 vinyl flooring part. |                            |                 |                                                   |                                              |  |

|                                                                                                                                                                                                                                                                          |                      |              |                                                |                                            |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------|------------------------------------------------|--------------------------------------------|--|--|
| UNDISCLOSED                                                                                                                                                                                                                                                              |                      |              |                                                | ID: Undisclosed                            |  |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                                                                                                                                                |                      |              |                                                | HAZARD SCREENING DATE: 2024-03-22 13:01:54 |  |  |
| %: 0.4000 - 0.5600                                                                                                                                                                                                                                                       | GreenScreen: LT-UNK  | RC: None     | NANO: No                                       | SUBSTANCE ROLE: Heat or UV stabilizer      |  |  |
| HAZARD TYPE                                                                                                                                                                                                                                                              | LIST NAME AND SOURCE | WARNINGS     |                                                |                                            |  |  |
| None found                                                                                                                                                                                                                                                               |                      |              | No warnings found on HPD Priority Hazard Lists |                                            |  |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE | NOTIFICATION |                                                |                                            |  |  |
| None found                                                                                                                                                                                                                                                               |                      |              | No listings found on Additional 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 vinyl flooring part. |                      |              |                                                |                                            |  |  |

|                                                                                                                                                                                                                                                                          |                      |          |                                                |                                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|------------------------------------------------|---------------------------------|--|
| UNDISCLOSED                                                                                                                                                                                                                                                              |                      |          |                                                | ID: Undisclosed                 |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                                                                                                                                                |                      |          | HAZARD SCREENING DATE: 2024-03-22 13:01:54     |                                 |  |
| %: 0.2200 - 0.3400                                                                                                                                                                                                                                                       | GreenScreen: LT-UNK  | RC: None | NANO: No                                       | SUBSTANCE ROLE: Polymer species |  |
| HAZARD TYPE                                                                                                                                                                                                                                                              | LIST NAME AND SOURCE |          | WARNINGS                                       |                                 |  |
| None found                                                                                                                                                                                                                                                               |                      |          | No warnings found on HPD Priority Hazard Lists |                                 |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE |          | NOTIFICATION                                   |                                 |  |
| None found                                                                                                                                                                                                                                                               |                      |          | No listings found on Additional 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 vinyl flooring part. |                      |          |                                                |                                 |  |

|                    |  |  |  |                        |  |
|--------------------|--|--|--|------------------------|--|
| <b>UNDISCLOSED</b> |  |  |  | ID: <b>Undisclosed</b> |  |
|--------------------|--|--|--|------------------------|--|

|                                                                                                                                                                                                                                                                          |                                       |                 |                                                   |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|---------------------------------------------------|---------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                         |                                       |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:55</b> |                                             |
| %: <b>0.1200 - 0.3000</b>                                                                                                                                                                                                                                                | GreenScreen: <b>LT-P1</b>             | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Processing regulator</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                              | LIST NAME AND SOURCE                  |                 | WARNINGS                                          |                                             |
| END                                                                                                                                                                                                                                                                      | TEDX - Potential Endocrine Disruptors |                 | Potential Endocrine Disruptor                     |                                             |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE                  |                 | NOTIFICATION                                      |                                             |
| None found                                                                                                                                                                                                                                                               |                                       |                 | No listings found on Additional 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 vinyl flooring part. |                                       |                 |                                                   |                                             |

UNDISCLOSED

ID: **Undisclosed**

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                         |                                             |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:55</b>                                                        |                                   |
| %: <b>0.0800 - 0.1600</b>                                                                                                                                                                                                                                                | GreenScreen: <b>BM-1</b>                    | RC: <b>None</b> | NANO: <b>No</b>                                                                                          | SUBSTANCE ROLE: <b>Stabilizer</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                              | LIST NAME AND SOURCE                        |                 | WARNINGS                                                                                                 |                                   |
| PBT                                                                                                                                                                                                                                                                      | EC - CEPA DSL                               |                 | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms) |                                   |
| MUL                                                                                                                                                                                                                                                                      | German FEA - Substances Hazardous to Waters |                 | Class 2 - Hazard to Waters                                                                               |                                   |
| MAM                                                                                                                                                                                                                                                                      | GHS - Australia                             |                 | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]                                  |                                   |
| EYE                                                                                                                                                                                                                                                                      | GHS - Australia                             |                 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                        |                                   |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE                        |                 | NOTIFICATION                                                                                             |                                   |
| None found                                                                                                                                                                                                                                                               |                                             |                 | No listings found on Additional 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 vinyl flooring part. |                                             |                 |                                                                                                          |                                   |

UNDISCLOSED

ID: **Undisclosed**

|                                                                  |                                             |                 |                                                   |                                    |
|------------------------------------------------------------------|---------------------------------------------|-----------------|---------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                 | HAZARD SCREENING DATE: <b>2024-03-22 13:01:55</b> |                                    |
| %: <b>0.0100 - 0.0800</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Anti-freeze</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                 | WARNINGS                                          |                                    |
| MUL                                                              | German FEA - Substances Hazardous to Waters |                 | Class 2 - Hazard to Waters                        |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                 | NOTIFICATION                                      |                                    |
| None found                                                       |                                             |                 | No listings found on Additional 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 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<br>APPLICABLE FACILITIES: All.<br>CERTIFICATE URL:<br><a href="https://www.scsglobalservices.com/certified-clients/certificates/7138">https://www.scsglobalservices.com/certified-clients/certificates/7138</a>                                                                            | ISSUE DATE: 2023-07-01 00:00:00<br>EXPIRY DATE: 2024-06-30 00:00:00 | 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-02237. |                                                                     |                                       |

| MULTI-ATTRIBUTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NSF/ANSI 332 Resilient Flooring: Platinum                           |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------|
| CERTIFYING PARTY: Third Party<br>APPLICABLE FACILITIES: All.<br>CERTIFICATE URL:<br><a href="https://cdn.scs-certified.com/products/cert_pdfs/Flexco_2023_SCS-RF-04165_s2.pdf">https://cdn.scs-certified.com/products/cert_pdfs/Flexco_2023_SCS-RF-04165_s2.pdf</a>                                                                                                                                                                                                                                                        | ISSUE DATE: 2023-11-01 00:00:00<br>EXPIRY DATE: 2026-10-31 00:00:00 | 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. Flexco Vinyl Stair Tread products have 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.

|                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EXCELSIOR AW-510</b><br>MANUFACTURER (OR GENERIC): Generic                                                                                                                                                                                                                                                                                 |
| HPD URL: No HPD available<br>ACCESSORY TYPE: Adhesive<br>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. |
| <b>EXCELSIOR EW-710</b><br>MANUFACTURER (OR GENERIC): Generic                                                                                                                                                                                                                                                                                 |
| HPD URL: No HPD available<br>ACCESSORY TYPE: Adhesive<br>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.                        |
| <b>EXCELSIOR EN-610</b><br>MANUFACTURER (OR GENERIC): Generic                                                                                                                                                                                                                                                                                 |
| HPD URL: No HPD Available<br>ACCESSORY TYPE: Adhesive<br>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.                                                                                |



## Section 5: General Notes

Flexco's Stair Tread 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: **Flexco Corporation**  
ADDRESS: **1401 East 6th Street**  
**Tuscumbia, AL 35674**  
COUNTRY: **United States**

WEBSITE: **<http://www.flexcofloors.com>**  
CONTACT NAME: **Jacob Gentillon**  
TITLE: **Chemist**  
PHONE: **800.633.3151**  
EMAIL: **[jkgentillon@flexcofloors.com](mailto:jkgentillon@flexcofloors.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

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <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>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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*

