

KEY ESR TERRAZZO  
by Key Resin Company

SCREENING DATE: 2026-03-28  
PUBLISHED DATE: 2026-03-28  
EXPIRY DATE: 2029-03-28  
PREPARER: Self-Prepared

Health Product  
Declaration v3.0  
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 58099193856  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 09 66 23 Resinous Matrix Terrazzo Flooring  
PRODUCT DESCRIPTION: KEY ESR TERRAZZO is an Environmentally Sustainable Resinous decorative flooring system, consisting of biobased pigmented resin matrix mixed with a wide selection of decorative aggregates and trowel applied to 3/8" nominal thickness followed with grinding, polishing and sealing. The polymer matrix consists of true BPA-free resin without any of the restricted materials in the Living Building Challenge (LBC) Red List. KEY ESR TERRAZZO does not support bacterial or fungal growth, and provides outstanding durability and wear resulting in the lowest life cycle cost of any flooring system available in accordance to building material sustainability.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                              |                                                |                                                                            |
|----------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------|
| Inventory Reporting Format<br>→ Basic Method | Residuals/Impurities Evaluation<br>→ Completed | For all contents above the threshold, the manufacturer has:                |
| Threshold Disclosed Per<br>→ Product         | Explanation(s) provided :<br>Yes               | Characterized<br>Provided weight and role.<br>Yes                          |
| Threshold Level<br>→ 100 ppm                 |                                                | Screened<br>Provided screening results using HPDC-approved methods.<br>Yes |
|                                              |                                                | Identified<br>Provided name and CAS RN or other identifier.<br>Yes         |

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  
KEY ESR TERRAZZO [ 2-PROPENOIC ACID, 2-METHYL-,OXIRANYLMETHYL ESTER, POLYMER WITH ETHENE AND METHYL 2-PROPENOATE NoGS 1,3-CYCLOHEXANEDIMETHANAMINE LT-P1 | MUL | EYE | MAM | SKI DIAMINOPOLYPROPYLENE GLYCOL LT-UNK | MUL | SKI | EYE | MAM TITANIUM DIOXIDE BM-1 | CAN | END | MAM LIMESTONE BM-3dg SILICON DIOXIDE BM-1 | CAN | MAM ISOPHORONE DIAMINE LT-P1 | SKI | EYE | AQU FATTY ACIDS, C16-18 AND C18-UNSATD., ME ESTERS LT-UNK BENZYL ALCOHOL BM-2 | EYE | MAM | SKI | AQU NAPHTHA, PETROLEUM, HEAVY ALKYLATE LT-1 | CAN | MUL | GEN | SKI | EYE | MAM GLYCERIN LT-UNK 1,2,4-TRIMETHYLBENZENE BM-2 | MUL | SKI | EYE | AQU | MAM ]

Number of Greenscreen BM-4/BM3 contents ... 1  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1, LT-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): < 50, compliant to low VOC Rule 1113 in all 50 states  
Regulatory (g/l): < 50, compliant to low VOC Rule 1113 in all 50 states  
Does the product contain exempt VOCs: No  
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

COMPLIANCE See Section 3 for additional listings.  
VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario  
VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.

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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

KEY ESR TERRAZZO

|                                                                                                                                                   |                      |                                                    |                                                |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------|------------------------------------------------|------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                                                                        |                      | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |                                                |                        |
| RESIDUALS AND IMPURITIES NOTES: The product is estimated to have no residuals/impurities over 100 ppm based on raw material supplier information. |                      |                                                    |                                                |                        |
| OTHER PRODUCT NOTES:                                                                                                                              |                      |                                                    |                                                |                        |
| 2-PROPENOIC ACID, 2-METHYL-,OXIRANYLMETHYL ESTER, POLYMER WITH ETHENE AND METHYL 2-PROPENOATE                                                     |                      |                                                    |                                                | ID: 51541-08-3         |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                         |                      | HAZARD SCREENING DATE: 2026-03-28 6:26:56          |                                                |                        |
| %, 49.8400 - 76.4200                                                                                                                              | GreenScreen: NoGS    | RC: None                                           | NANO: No                                       | SUBSTANCE ROLE: Binder |
| 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: This is a binder resin for ESR Terrazzo matrix material                                                                          |                      |                                                    |                                                |                        |

|                                                           |                                             |                                           |                                                                                                                     |                              |
|-----------------------------------------------------------|---------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1,3-CYCLOHEXANEDIMETHANAMINE                              |                                             |                                           |                                                                                                                     | ID: 2579-20-6                |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                             | HAZARD SCREENING DATE: 2026-03-28 6:26:56 |                                                                                                                     |                              |
| %, 6.5400 - 10.0300                                       | GreenScreen: LT-P1                          | RC: None                                  | NANO: No                                                                                                            | SUBSTANCE ROLE: Curing agent |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                        |                                           | WARNINGS                                                                                                            |                              |
| MUL                                                       | German FEA - Substances Hazardous to Waters |                                           | Class 2 - Hazard to Waters                                                                                          |                              |
| EYE                                                       | GHS - Japan                                 |                                           | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                 |                              |
| MAM                                                       | GHS - Japan                                 |                                           | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |                              |
| SKI                                                       | GHS - Japan                                 |                                           | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1A]                          |                              |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional Hazard Lists |
| SUBSTANCE NOTES:    |                      |                                              |

DIAMINOPOLYPROPYLENE GLYCOL

ID: 9046-10-0

|                                                                  |                                             |                                                                                                      |                 |                                     |
|------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2026-03-28 6:26:57</b>                                                     |                 |                                     |
| %: <b>4.7800 - 7.3300</b>                                        | GreenScreen: <b>LT-UNK</b>                  | RC: <b>None</b>                                                                                      | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Curing agent</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        | WARNINGS                                                                                             |                 |                                     |
| MUL                                                              | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                           |                 |                                     |
| SKI                                                              | GHS - New Zealand                           | Skin corrosion category 1C                                                                           |                 |                                     |
| EYE                                                              | GHS - New Zealand                           | Serious eye damage category 1                                                                        |                 |                                     |
| SKI                                                              | GHS - Australia                             | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C] |                 |                                     |
| MAM                                                              | GHS - New Zealand                           | Acute dermal toxicity category 3                                                                     |                 |                                     |
| MAM                                                              | GHS - New Zealand                           | Acute oral toxicity category 3                                                                       |                 |                                     |
| MAM                                                              | GHS - Australia                             | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                 |                 |                                     |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                         |                 |                                     |
| None found                                                       |                                             | No listings found on Additional Hazard Lists                                                         |                 |                                     |
| SUBSTANCE NOTES:                                                 |                                             |                                                                                                      |                 |                                     |

TITANIUM DIOXIDE

ID: 13463-67-7

|                                                                  |                          |                                                  |                 |                                |
|------------------------------------------------------------------|--------------------------|--------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2026-03-28 6:26:58</b> |                 |                                |
| ?: <b>4.4800 - 6.8600</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                                                                                                                                              |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)            | US EPA - DfE Safer Chemicals Ingredients list (SCIL)                                                                                                      |
|                     |                                                        | Colorants - Green Circle (Verified Low Concern)                                                                                                           |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                                                                        |
|                     |                                                        | Cosmetics and Personal Care Products                                                                                                                      |

SUBSTANCE NOTES:

LIMESTONE

ID: 1317-65-3

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2026-03-28 6:26:59</b> |                               |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|--------------------------------------------------|-------------------------------|
| %: <b>4.0300 - 6.1800</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:

SILICON DIOXIDE

ID: 7631-86-9

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                       |                                                                                                                                                           | HAZARD SCREENING DATE: 2026-03-28 6:26:56 |                                    |
|-----------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|
| %: 1.4100 - 2.1700                                        | GreenScreen: BM-1                     | RC: None                                                                                                                                                  | NANO: No                                  | SUBSTANCE ROLE: Viscosity modifier |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                  | WARNINGS                                                                                                                                                  |                                           |                                    |
| CAN                                                       | GHS - Japan                           | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |                                           |                                    |
| CAN                                                       | GHS - Australia                       | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |                                           |                                    |
| 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] |                                           |                                    |
| MAM                                                       | GHS - Australia                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |                                           |                                    |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                  | NOTIFICATION                                                                                                                                              |                                           |                                    |
| RESTRICTED LIST                                           | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List                                                                                                                     |                                           |                                    |
|                                                           |                                       | Antimicrobials                                                                                                                                            |                                           |                                    |
| SUBSTANCE NOTES:                                          |                                       |                                                                                                                                                           |                                           |                                    |

ISOPHORONE DIAMINE

ID: 2855-13-2

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                                                                                                      | HAZARD SCREENING DATE: <b>2026-03-28 6:26:57</b> |                                     |
|------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|
| %: <b>1.0700 - 1.6500</b>                                        | GreenScreen: <b>LT-P1</b>                 | RC: <b>None</b>                                                                                      | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Curing agent</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                             |                                                  |                                     |
| SKI                                                              | MAK                                       | Sensitizing Substance Sh - Danger of skin sensitization                                              |                                                  |                                     |
| SKI                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C] |                                                  |                                     |
| EYE                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                    |                                                  |                                     |
| SKI                                                              | GHS - New Zealand                         | Skin corrosion category 1C                                                                           |                                                  |                                     |
| EYE                                                              | GHS - New Zealand                         | Serious eye damage category 1                                                                        |                                                  |                                     |
| EYE                                                              | GHS - Japan                               | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                  |                                                  |                                     |
| SKI                                                              | GHS - Japan                               | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]            |                                                  |                                     |
| SKI                                                              | GHS - Australia                           | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C] |                                                  |                                     |
| AQU                                                              | GHS - New Zealand                         | Hazardous to the aquatic environment - chronic category 3                                            |                                                  |                                     |
| SKI                                                              | GHS - New Zealand                         | Skin sensitisation category 1                                                                        |                                                  |                                     |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                  | NOTIFICATION                                               |
|---------------------|---------------------------------------|------------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Some Solvents |
| SUBSTANCE NOTES:    |                                       |                                                            |

FATTY ACIDS, C16-18 AND C18-UNSATD., ME ESTERS

ID: 67762-38-3

|                                                                  |                                       |                                                  |                                                |                                |
|------------------------------------------------------------------|---------------------------------------|--------------------------------------------------|------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       | HAZARD SCREENING DATE: <b>2026-03-28 6:26:58</b> |                                                |                                |
| %: <b>1.0300 - 1.5700</b>                                        | GreenScreen: <b>LT-UNK</b>            | RC: <b>None</b>                                  | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Diluent</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                                   |                                |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI) |                                                  | GSPI - Six Classes Precautionary List          |                                |
|                                                                  |                                       |                                                  | Some Solvents                                  |                                |
| SUBSTANCE NOTES:                                                 |                                       |                                                  |                                                |                                |

BENZYL ALCOHOL

ID: 100-51-6

|                                                                  |                                           |                                                                                                                                                           |                 |                                |
|------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           | HAZARD SCREENING DATE: <b>2026-03-28 6:26:59</b>                                                                                                          |                 |                                |
| %: <b>0.8900 - 1.3700</b>                                        | GreenScreen: <b>BM-2</b>                  | RC: <b>None</b>                                                                                                                                           | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Diluent</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |                 |                                |
| EYE                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |                 |                                |
| EYE                                                              | GHS - New Zealand                         | Eye irritation category 2                                                                                                                                 |                 |                                |
| EYE                                                              | GHS - Australia                           | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |                 |                                |
| 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]                                          |                 |                                |
| SKI                                                              | GHS - New Zealand                         | Skin sensitisation category 1                                                                                                                             |                 |                                |
| AQU                                                              | GHS - Japan                               | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |                 |                                |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                   |
|---------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Antimicrobials                                                                    |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                                                     |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Children's Toy Products              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |

SUBSTANCE NOTES:

NAPHTHA, PETROLEUM, HEAVY ALKYLATE

ID: 64741-65-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-03-28 6:26:59

%: 0.5100 - 0.7800

GreenScreen: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                |
|---------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | EU - Annex VI CMRs                                      | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                                                                   |
| MUL                 | German FEA - Substances Hazardous to Waters             | Class 3 - Severe Hazard to Waters                                                                                                       |
| MUL                 | German FEA - Substances Hazardous to Waters             | Class 2 - Hazard to Waters                                                                                                              |
| GEN                 | EU - Annex VI CMRs                                      | Mutagen - Category 1B                                                                                                                   |
| CAN                 | GHS - Australia                                         | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                                                           |
| GEN                 | GHS - Australia                                         | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]                                                           |
| CAN                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                                                           |
| GEN                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]                                                           |
| SKI                 | GHS - Australia                                         | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                  |
| EYE                 | GHS - Australia                                         | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                  |
| MAM                 | GHS - Australia                                         | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN                 | EU - REACH Annex XVII CMRs                              | Carcinogens: Category 1B                                                                                                                |
| GEN                 | EU - REACH Annex XVII CMRs                              | Germ cell mutagens: Category 1B                                                                                                         |
| MAM                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                                    |
| MAM                 | GHS - Australia                                         | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                                    |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                            |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                                                              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products                                  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products          |
| SUBSTANCE NOTES:    |                                                         |                                                                                                                                         |

|                                                                  |                                       |                                                |                                                  |                                           |
|------------------------------------------------------------------|---------------------------------------|------------------------------------------------|--------------------------------------------------|-------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                                                | HAZARD SCREENING DATE: <b>2026-03-28 6:26:58</b> |                                           |
| %: <b>0.2500 - 0.3800</b>                                        | GreenScreen: <b>LT-UNK</b>            | RC: <b>None</b>                                | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Viscosity modifier</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                                   |                                                  |                                           |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List          |                                                  |                                           |
|                                                                  |                                       | Some Solvents                                  |                                                  |                                           |
| SUBSTANCE NOTES:                                                 |                                       |                                                |                                                  |                                           |

|                                                                  |                          |                 |                                                  |                                    |
|------------------------------------------------------------------|--------------------------|-----------------|--------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2026-03-28 6:26:59</b> |                                    |
| %: <b>0.1700 - 0.2600</b>                                        | GreenScreen: <b>BM-2</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Plasticizer</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                                                                |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| EYE                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |
| AQU                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| MAM                 | GHS - Japan                                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |
| EYE                 | GHS - New Zealand                           | Eye irritation category 2                                                                                                                                 |
| SKI                 | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| EYE                 | GHS - Australia                             | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |
| MAM                 | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| SKI                 | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| AQU                 | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 2                                                                                                 |
| AQU                 | GHS - Australia                             | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| AQU                 | GHS - Japan                                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |
| AQU                 | GHS - Japan                                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List                                                                                                                     |
|                     |                                             | Some Solvents                                                                                                                                             |

SUBSTANCE NOTES:

## Section 3: 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario |                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------|
| <b>COMPLIANCE TYPE:</b> Second Party<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> UL<br>Environment - Marietta, 2211 Newmarket Parkway, Marietta, GA 30067-9399<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b><br><b>APPLICABLE FACILITIES:</b> All<br><b>COMPLIANCE URL:</b><br><a href="https://www.transparencycatalog.com/assets/uploads/pdf/Key-Epoxy-Terrazzo-597-502-580-108_10-28-19.pdf">https://www.transparencycatalog.com/assets/uploads/pdf/Key-Epoxy-Terrazzo-597-502-580-108_10-28-19.pdf</a><br><b>COMPLIANCE NOTES:</b> CDPH - CA Section 01350 Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources using Environmental Chambers Version 1.2. | <b>ISSUE DATE:</b> 2019-10-01                                                | <b>EXPIRY DATE:</b> No expiration |

| VOC CONTENT                                                                                                                                                                                                                                                                                                   | EPA Method 24 - Volatile Matter Content (EPA 24) |                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------|
| <b>COMPLIANCE TYPE:</b> Third Party<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Key Resin Lab<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b><br><b>APPLICABLE FACILITIES:</b> All<br><b>COMPLIANCE URL:</b><br><b>COMPLIANCE NOTES:</b> EPA 24 VOC Content Components of Waterborne Material | <b>ISSUE DATE:</b> 2018-06-30                    | <b>EXPIRY DATE:</b> No expiration |

## 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.*

No accessories are required for this product.

## Section 5: General Notes

Combining the HPD information of Key ESR Terrazzo Part A with Part B as a terrazzo matrix material.

MANUFACTURER INFORMATION

MANUFACTURER: **Key Resin Company**  
ADDRESS: **4050 Clough Woods Drive**  
**Batavia, Ohio 45103**  
COUNTRY: **USA**

WEBSITE: **www.keyresin.com**  
CONTACT NAME: **Travis Barkey**  
TITLE: **Technical Director**  
PHONE: **5139434225**  
EMAIL: **tbarkey@keyresin.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 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.*