

SurePoxy HiBild Series

(SurePoxy HiBild Lt. Gray, Med. Gray, Dark Gray, Orange & SurePoxy HiBild MD)

Product Description

SurePoxy HiBild is a two component, 100% solids, flexibilized epoxy coating, utilizing the inherent advantages of tough epoxy resins, cross-linked with aliphatic adducted hardeners. When combined, they form an integrally hardened protective coating, resistant to mild abrasion and chemicals. The special hardeners provide excellent adhesion to either dry or damp surfaces and make the coating completely insensitive to moisture after cure. HiBild is unique in that it does not blush or form other surface imperfections during cure. HiBild is available either clear or pigmented. When pigmented, only highest quality, inert, alkali and light resistant pigments are used. If desired SurePoxy Mortar Aggregate may be integrally added for increased yield or broadcast on the surface for non-slip purposes. Products covered in this HPD include SurePoxy HiBild Light Gray, SurePoxy HiBild Medium Gray, SurePoxy HiBild Dark Gray, SurePoxy HiBild MD & SurePoxy HiBild Orange.



Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format                               | Threshold Level                          | Residuals/Impurities Evaluation                               | For all contents above the threshold, the manufacturer has:                        |
|--|--|---|--|
| <input checked="" type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | Completed in 11 of 11 Materials                               | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Basic Method                       | <input type="radio"/> 1,000 ppm          |   | Provided weight and role.  |
| Threshold Disclosed Per                                  |  | Explanation(s) provided for Residuals/Impurities?             | <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                           | <input type="radio"/> Per GHS SDS        |   | Provided screening results using HPDC-approved methods.                            |
| <input checked="" type="radio"/> Product                 | <input type="radio"/> Other              | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No    |
|  |  |   | Provided name and CAS RN or other identifier.                                      |

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE

POLYMER (PART A) [ BISPHENOL A EPICHLOROHYDRIN POLYMER LT-P1 | MUL | SKI | EYE | AQU ] FILLER 2 (PART B) [ LIMESTONE BM-3dg QUARTZ BM-1\* | CAN | MAM | GEN ] CURING AGENT 1 (PART B) [ ADIPONITRILE LT-UNK | MAM | SKI | EYE ] SOLVENT (PART B) [ (POLYETHYL)BENZENES BM-1 | MUL | MAM | SKI | AQU ] PLASTICIZER (PART B) [ DIBUTYL PHTHALATE (DBP) LT-1 | CAN | END | REP | MUL | DEV | AQU | MAM | EYE ] CATALYST (PART B) [ 4-NONYLPHENOL (BRANCHED) LT-1 | END | MUL | PBT | SKI | AQU | REP | MAM | EYE ] POLYMER (PART B) [ BISPHENOL A EPICHLOROHYDRIN POLYMER LT-P1 | MUL | SKI | EYE | AQU ] PIGMENT (PART B) [ TITANIUM DIOXIDE BM-1\* | CAN | END | MAM ] PIGMENT 2 (PART B) [ FERRIC OXIDE, YELLOW LT-UNK\* ] CURING AGENT 2 (PART B) [ DIAMINOPOLYPROPYLENE GLYCOL LT-UNK | MUL | SKI | EYE | MAM ] FILLER 1 (PART B) [ AQUAFIL BM-1 |

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:

This HPD was produced using primary information from the manufacturer, including CAS numbers and SDS when needed. The manufacturer has made every effort to report the substances in this product to the listed threshold. This is a voluntary, self-reported effort. Any errors or omissions shall be considered a human error and therefore reported to the manufacturer. The manufacturer shall not be liable for omissions. The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0 Regulatory (g/l): 100  
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

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method - Not tested  
VOC content: MAS Certified Green - VOC Content

CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

☐ Yes  
☒ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2023-12-30

PUBLISHED DATE: 2024-01-12

EXPIRY DATE: 2026-12-30

## Section 2: Content in Descending Order of Quantity

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

### POLYMER (PART A)

%: 46.0000 - 55.0000

PRODUCT THRESHOLD: 100 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Impurities listed above the threshold are noted in this HPD by Quartz or Pharos databases. Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

OTHER MATERIAL NOTES: Information concerning this additive is considered as intellectual proprietary.

|  |   |                |   |                               |
|--|---|----------------|---|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>   |   |                | HAZARD SCREENING DATE: <b>2023-12-30 6:54:33</b>  |                               |
| %: <b>90.0000 - 100.0000</b>   | GreenScreen: <b>LT-P1</b>                               | RC: <b>UNK</b> | NANO: <b>No</b>   | SUBSTANCE ROLE: <b>Binder</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]      |                               |
| 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]                                    |                               |
| SKI  | GHS - Japan   |                | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]  |                               |
| SKI  | GHS - New Zealand                                       |                | Skin sensitisation category 1   |                               |
| AQU  | GHS - New Zealand                                       |                | Hazardous to the aquatic environment - chronic category 2   |                               |
| AQU  | GHS - Japan   |                | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |                               |
| AQU  | GHS - Japan   |                | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |                               |
| AQU  | GHS - Australia   |                | 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  | Cradle to Cradle Products Innovation Institute (C2CPII) |                | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                               |                               |
|  |   |                | Core Restrictions   |                               |
| RESTRICTED LIST  | International Living Future Institute (ILFI)            |                | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023                               |                               |
|  |   |                | Red List substances to avoid in Living Building Challenge V4.0 projects   |                               |
| SUBSTANCE NOTES: Bisphenol-A-diglycidylether polymer is manufactured from BPA epoxy resins. Epoxy resins are based on BPA and epichlorohydrin, also known as BPA diglycidyl ether epoxy resins (BADGE resins). |   |                |   |                               |

|                            |  |                      |  |
|----------------------------|--|----------------------|--|
| FILLER 2 (PART B)          |  | %: 22.0000 - 28.0000 |  |
| PRODUCT THRESHOLD: 100 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |                      | MATERIAL TYPE: Geologically Derived Material |

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

OTHER MATERIAL NOTES: This additive is identified on the U.S EPA Safer Chemical Ingredients List.

LIMESTONE

ID: 1317-65-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-12-30 6:54:34

%: 99.0000

GreenScreen: BM-3dg

RC: UNK

NANO: No

SUBSTANCE ROLE: Accelerator

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: Residuals or impurities are quantitatively measured and listed in this HPD when greater than or equal to 100 ppm.

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-12-30 6:59:00

%: 0.1000 - 1.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Impurity/Residual

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

US NIH - Report on Carcinogens

Known to be Human Carcinogen (respirable size - occupational setting)\*\*

CAN

MAK

Carcinogen Group 1 - Substances that cause cancer in man\*\*

CAN

IARC

Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources\*\*

CAN

IARC

Group 1 - Agent is Carcinogenic to humans\*\*

CAN

US NIH - Report on Carcinogens

Known to be a human Carcinogen\*\*

CAN

GHS - Japan

H350 - May cause cancer [Carcinogenicity - Category 1A]\*\*

CAN

GHS - Australia

H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]\*\*

CAN

GHS - New Zealand

Carcinogenicity category 1\*\*

MAM

GHS - Japan

H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]\*\*

GEN

GHS - Japan

H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]\*\*

MAM

GHS - Australia

H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]\*\*

MAM

GHS - New Zealand

Specific target organ toxicity - repeated exposure category 1\*\*

| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---|----------------------|--|
| None found  |                      | No listings found on Additional Hazard Lists |
| <p>SUBSTANCE NOTES: POTENTIAL RESIDUAL: "Building materials, such as concrete and dimension stone (sandstone, granite, and limestone are examples) contain crystalline silica in the form of quartz."/1(USGS Crystalline Silica Primer)/1Limestone typically contains between 0.1% and 1% quartz./1(MSHA MSDS &amp; Specialty MSDS) - Per the Pharos Database.</p> <p>**Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.</p> |                      |  |

|  |  |  |
|--|--|--|
| CURING AGENT 1 (PART B)  |  | %: 7.0000 - 12.0000                    |
| PRODUCT THRESHOLD: 100 ppm   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Other: Organic Compound |
| <p>RESIDUALS AND IMPURITIES NOTES: Impurities listed above the threshold are noted in this HPD by Quartz or Pharos databases. Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 "The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD." This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.</p> <p>OTHER MATERIAL NOTES: This additive is covered under strict intellectual property rights.</p> |  |  |

|   |   |  |   |                              |
|---|---|--|---|------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |   |  | HAZARD SCREENING DATE: 2023-12-30 6:54:34 |                              |
| %: 99.0000 - 100.0000                                     | GreenScreen: LT-UNK                           | RC: PreC   | NANO: No                                  | SUBSTANCE ROLE: Curing agent |
| HAZARD TYPE   | LIST NAME AND SOURCE                          | WARNINGS   |   |                              |
| MAM   | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances   |   |                              |
| SKI   | GHS - New Zealand                             | Skin irritation category 2   |   |                              |
| EYE   | GHS - New Zealand                             | Eye irritation category 2  |   |                              |
| MAM   | GHS - Japan                                   | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |   |                              |
| MAM   | GHS - New Zealand                             | Acute inhalation toxicity category 3   |   |                              |
| MAM   | GHS - Japan                                   | H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]   |   |                              |
| MAM   | GHS - New Zealand                             | Acute oral toxicity category 3   |   |                              |
| MAM   | GHS - Japan                                   | H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]   |   |                              |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                          | NOTIFICATION   |   |                              |
| RESTRICTED LIST   | Green Science Policy Institute (GSPI)         | GSPI - Six Classes Precautionary List  |   |                              |
|   |   | Some Solvents  |   |                              |
| RESTRICTED LIST   | Green Science Policy Institute (GSPI)         | GSPI - Six Classes Precautionary List  |   |                              |
|   |   | Certain Metals   |   |                              |

SUBSTANCE NOTES: Adiponitrile is a complex combination of hydrocarbons produced by the distillation of products from the hydrogenation of adiponitrile. It contains such compounds as 6-aminohexanamide, 6-aminohexanenitrile, bishexamethylenetriamine, 1,2-cyclohexanediamine, and decanediamines. [ChemicalBook]. It's important to note that the actual material used may not necessarily match the exact ingredient listed. This information is intended for screening purposes only, since the given CAS RN does not appear on any HPD Priority Lists.

|   |  |                                   |
|---|--|-----------------------------------|
| SOLVENT (PART B)  |  | %: 3.0000 - 7.0000                |
| PRODUCT THRESHOLD: 100 ppm  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Polymeric Material |
| RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold. |  |                                   |
| OTHER MATERIAL NOTES: Percentages are shown in a range to protect the actual formulation.   |  |                                   |

|   |   |                |   |                                |
|---|---|----------------|---|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>  |   |                | HAZARD SCREENING DATE: <b>2023-12-30 6:54:34</b>  |                                |
| ?: <b>100.0000</b>  | GreenScreen: <b>BM-1</b>                    | RC: <b>UNK</b> | NANO: <b>No</b>   | SUBSTANCE ROLE: <b>Solvent</b> |
| HAZARD TYPE   | LIST NAME AND SOURCE                        |                | WARNINGS  |                                |
| MUL   | German FEA - Substances Hazardous to Waters |                | Class 2 - Hazard to Waters  |                                |
| 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 - Japan                                 |                | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                   |                                |
| SKI   | GHS - Japan                                 |                | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]  |                                |
| AQU   | GHS - Japan                                 |                | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |                                |
| AQU   | GHS - Japan                                 |                | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |                                |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE                        |                | NOTIFICATION  |                                |
| RESTRICTED LIST   | Green Science Policy Institute (GSPI)       |                | GSPI - Six Classes Precautionary List   |                                |
|   |   |                | Some Solvents   |                                |
| SUBSTANCE NOTES: TSCA Definition 2008: Obtained from distillation of aromatic streams and consisting of mainly aromatic hydrocarbons with carbon numbers of C9 through C16 and boiling range of 165 deg C to 290 deg C. |   |                |   |                                |

PLASTICIZER (PART B)

?: 0.0000 - 7.0000

|   |  |  |
|---|--|--|
| PRODUCT THRESHOLD: 100 ppm  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Other: Organic Compound |
| RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold. |  |  |
| OTHER MATERIAL NOTES: The inclusion of this additive is exclusive to SurePoxo HiBild Light Gray only.   |  |  |

DIBUTYL PHTHALATE (DBP)

ID: 84-74-2

|  |  |                 |  |                                    |
|--|--|-----------------|--|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |                 | HAZARD SCREENING DATE: <b>2024-01-12 10:38:03</b>  |                                    |
| ?: <b>99.0000 - 100.0000</b>                                     | GreenScreen: <b>LT-1</b>                         | RC: <b>None</b> | NANO: <b>No</b>  | SUBSTANCE ROLE: <b>Plasticizer</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                             |                 | WARNINGS   |                                    |
| CAN  | MAK  |                 | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |                                    |
| END  | TEDX - Potential Endocrine Disruptors            |                 | Potential Endocrine Disruptor  |                                    |
| END  | OSPAR - Priority PBTs & EDs & equivalent concern |                 | Endocrine Disruptor - Chemical for Priority Action   |                                    |
| REP  | EU - Annex VI CMRs                               |                 | Reproductive Toxicity - Category 1B  |                                    |
| MUL  | ChemSec - SIN List                               |                 | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |                                    |
| MUL  | German FEA - Substances Hazardous to Waters      |                 | Class 3 - Severe Hazard to Waters  |                                    |

|     |  |   |
|-----|--|---|
| DEV | CA EPA - Prop 65                                 | Developmental toxicity  |
| DEV | US NIH - Reproductive & Developmental Monographs | Clear Evidence of Adverse Effects - Developmental Toxicity  |
| REP | US NIH - Reproductive & Developmental Monographs | Clear Evidence of Adverse Effects - Reproductive Toxicity   |
| REP | CA EPA - Prop 65                                 | Reproductive Toxicity - Female  |
| REP | CA EPA - Prop 65                                 | Reproductive Toxicity - Male  |
| END | EU - Priority Endocrine Disruptors               | Category 1 - In vivo evidence of Endocrine Disruption Activity  |
| REP | GHS - Japan                                      | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]   |
| REP | GHS - Korea                                      | H360 - May damage fertility or the unborn child [Category 1(1B)]  |
| DEV | GHS - Australia                                  | H360Df - May damage the unborn child. Suspected of damaging fertility [Reproductive toxicity - Category 1A or 1B]   |
| DEV | GHS - Malaysia                                   | H360Df - May damage the unborn child. Suspected of damaging fertility [Reproductive toxicity - Category 1A or 1B]   |
| AQU | EU - GHS (H-Statements) Annex 6 Table 3-1        | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]   |
| DEV | EU - GHS (H-Statements) Annex 6 Table 3-1        | H360Df - May damage the unborn child. Suspected of damaging fertility [Reproductive toxicity - Category 1A or 1B]   |
| REP | GHS - New Zealand                                | Reproductive toxicity category 1  |
| MAM | GHS - Japan                                      | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]   |
| EYE | GHS - New Zealand                                | Eye irritation 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] |
| AQU | GHS - New Zealand                                | Hazardous to the aquatic environment - chronic category 3   |
| AQU | GHS - New Zealand                                | Hazardous to the aquatic environment - acute category 1   |
| AQU | GHS - Japan                                      | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]   |
| AQU | GHS - Korea                                      | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]   |
| AQU | GHS - Japan                                      | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| AQU | GHS - Malaysia                                   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]   |
| AQU | GHS - Australia                                  | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]   |
| END | EU - SVHC List                                   | Equivalent Concern - Candidate List: endocrine disrupting properties cause probable serious effects to the environment or human health                    |
| REP | EU - SVHC List                                   | Toxic to reproduction - Candidate list  |
| REP | EU - SVHC List                                   | Toxic to reproduction - Prioritized for listing   |
| REP | EU - SVHC List                                   | Toxic to reproduction - Banned unless Authorised  |
| REP | EU - REACH Annex XVII CMRs                       | Reproductive toxicants: Category 1B   |
| END | EU - SVHC List                                   | Endocrine disrupting properties cause probable serious effects to the environment or human health - Banned unless Authorised                              |
| END | EU - SVHC List                                   | Equivalent Concern - Prioritization List: endocrine disrupting properties cause probable serious effects to the environment or human health               |



| 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     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Bisphenols and Phthalates   |
| 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 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions   |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | 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 (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products  |
| 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: No residuals or impurities at or above 100 ppm.

|                            |  |  |
|----------------------------|--|--|
| CATALYST (PART B)          | %: 1.0000 - 4.0000                                 |  |
| PRODUCT THRESHOLD: 100 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Other: Organic Compound |

RESIDUALS AND IMPURITIES NOTES: Impurities listed above the threshold are noted in this HPD by Quartz or Pharos databases. Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

OTHER MATERIAL NOTES: Percentages are shown in a range to protect the actual formulation.

|   |                   |          |   |                          |
|---|-------------------|----------|---|--------------------------|
| 4-NONYLPHENOL (BRANCHED)                                  |                   |          |   | ID: 84852-15-3           |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2023-12-30 6:54:34 |                          |
| %: 99.0000 - 100.0000                                     | GreenScreen: LT-1 | RC: None | NANO: No                                  | SUBSTANCE ROLE: Catalyst |

| HAZARD TYPE | LIST NAME AND SOURCE                             | WARNINGS   |
|-------------|--|--|
| END         | TEDX - Potential Endocrine Disruptors            | Potential Endocrine Disruptor  |
| END         | OSPAR - Priority PBTs & EDs & equivalent concern | Endocrine Disruptor - Chemical for Priority Action   |
| END         | ChemSec - SIN List                               | Endocrine Disruption   |
| MUL         | German FEA - Substances Hazardous to Waters      | Class 3 - Severe Hazard to Waters  |
| PBT         | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Substance of Possible Concern  |
| 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]                                   |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1        | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]  |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1        | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]              |
| REP         | EU - GHS (H-Statements) Annex 6 Table 3-1        | H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child [Reproductive toxicity - Category 2]                  |
| MAM         | GHS - Japan                                      | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                |
| EYE         | GHS - New Zealand                                | Serious eye damage 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 - acute category 1  |
| AQU         | GHS - Japan                                      | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]  |
| AQU         | GHS - Japan                                      | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]              |
| AQU         | GHS - Australia                                  | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]              |
| AQU         | GHS - New Zealand                                | Hazardous to the aquatic environment - chronic category 1  |
| AQU         | GHS - Korea                                      | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]  |
| AQU         | GHS - Korea                                      | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]              |
| REP         | GHS - Korea                                      | H361 - Suspected of damaging fertility or the unborn child [Reproductive toxicity - Category 2]  |
| SKI         | GHS - Korea                                      | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]  |
| SKI         | GHS - New Zealand                                | Skin corrosion category 1B   |
| REP         | GHS - Japan                                      | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]  |
| REP         | EU - Annex VI CMRs                               | Reproductive Toxicity - Category 2   |
| REP         | GHS - Australia                                  | H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child [Reproductive toxicity - Category 2]                  |
| END         | EU - SVHC List                                   | Equivalent Concern - Candidate List: endocrine disrupting properties cause probable serious effects to the environment or human health |

| 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 |
|   |  | Core Restrictions   |
| RESTRICTED LIST   | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|   |  | Children's Products   |
| RESTRICTED LIST   | International Living Future Institute (ILFI)           | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023 |
|   |  | Red List substances to avoid in Living Building Challenge V4.0 projects                     |
| SUBSTANCE NOTES: No residuals or impurities are expected to be present at or above 100 ppm. |  |   |

|   |  |                                   |
|---|--|-----------------------------------|
| POLYMER (PART B)  |  | %: 2.0000 - 4.0000                |
| PRODUCT THRESHOLD: 100 ppm  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Polymeric Material |
| RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 "The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD." This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold. |  |                                   |
| OTHER MATERIAL NOTES: Information concerning this additive is considered as intellectual proprietary.   |  |                                   |

|   |                    |   |
|---|--------------------|---|
| BISPHENOL A EPICHLOROHYDRIN POLYMER                       |                    | ID: 25068-38-6                            |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    | HAZARD SCREENING DATE: 2023-12-30 6:54:34 |
| %: 90.0000 - 100.0000                                     | GreenScreen: LT-P1 | RC: UNK                                   |
| NANO: No  |                    | SUBSTANCE ROLE: Binder                    |

| 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]      |
| 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]                                    |
| SKI                 | GHS - Japan  | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]  |
| SKI                 | GHS - New Zealand  | Skin sensitisation category 1   |
| AQU                 | GHS - New Zealand  | Hazardous to the aquatic environment - chronic category 2   |
| AQU                 | GHS - Japan  | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |
| AQU                 | GHS - Japan  | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| AQU                 | GHS - Australia  | 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     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                               |
|                     |  | Core Restrictions   |
| RESTRICTED LIST     | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023                               |
|                     |  | Red List substances to avoid in Living Building Challenge V4.0 projects   |

PIGMENT (PART B)

%: 0.0000 - 3.0000

PRODUCT THRESHOLD: 100 ppm
 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
 MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

OTHER MATERIAL NOTES: None.

|  |   |  |   |                                |
|--|---|--|---|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>2023-12-30 6:59:52</b> |   |                                |
| %: <b>99.0000</b>  | GreenScreen: <b>BM-1</b>                                | RC: <b>None</b>                                  | NANO: <b>Unknown</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 (C2CPiI) |  | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |                                |
|  |   |  | Children's Products   |                                |
| RESTRICTED LIST  | Cradle to Cradle Products Innovation Institute (C2CPiI) |  | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |                                |
|  |   |  | Formulated Consumer Products  |                                |
| RESTRICTED LIST  | Cradle to Cradle Products Innovation Institute (C2CPiI) |  | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |                                |
|  |   |  | Cosmetics & Personal Care Products  |                                |
| POSITIVE LIST  | US Environmental Protection Agency (US EPA)             |  | US EPA - DfE Safer Chemicals Ingredients list (SCIL)  |                                |
|  |   |  | Colorants - Green Circle (Verified Low Concern)   |                                |

|                            |  |                    |  |
|----------------------------|--|--------------------|--|
| PIGMENT 2 (PART B)         |  | %: 0.0000 - 3.0000 |  |
| PRODUCT THRESHOLD: 100 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |                    | MATERIAL TYPE: Geologically Derived Material |

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

OTHER MATERIAL NOTES: The inclusion of this pigment is exclusive to SurePoxy HiBild Orange only.

FERRIC OXIDE, YELLOW

ID: 51274-00-1

|   |                      |  |          |                         |
|---|----------------------|--|----------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-01-12 10:26:35     |          |                         |
| %: 99.0000  | GreenScreen: LT-UNK  | RC: UNK  | NANO: No | SUBSTANCE ROLE: Pigment |
| 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: SurePoxy HiBild is available either clear or pigmented. When pigmented, only the highest quality, inert, alkali and light-resistant pigments are used.

\*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

CURING AGENT 2 (PART B)

%: 0.3000 - 1.0000

|                            |  |  |
|----------------------------|--|--|
| PRODUCT THRESHOLD: 100 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Other: Organic Compound |
|----------------------------|--|--|

RESIDUALS AND IMPURITIES NOTES: Impurities listed above the threshold are noted in this HPD by Quartz or Pharos databases. Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

OTHER MATERIAL NOTES: None.

| HAZARD DATA SOURCE:   Pharos Chemical and Materials Library  |   |         | HAZARD SCREENING DATE:   2023-12-30 6:54:34  |                              |
|--|---|---------|--|------------------------------|
| %: 100.0000  | GreenScreen: LT-UNK                         | RC: UNK | 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   |                              |
| 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   |                              |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                        |         | NOTIFICATION   |                              |
| None found   |   |         | No listings found on Additional Hazard Lists   |                              |
| SUBSTANCE NOTES: Per the Pharos database, no residuals or impurities are available for this substance. |   |         |  |                              |

FILLER 1 (PART B)

%: 0.5000 - 1.0000

|   |  |  |
|---|--|--|
| PRODUCT THRESHOLD: 100 ppm  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Other: Inorganic Compound |
| RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 "The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD." This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold. |  |  |
| OTHER MATERIAL NOTES: None.   |  |  |

|   |                          |                 |  |                               |
|---|--------------------------|-----------------|--|-------------------------------|
| AQUAFIL   |                          |                 |  | ID: 112945-52-5               |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                            |                          |                 | HAZARD SCREENING DATE: <b>2023-12-30 6:54:35</b> |                               |
| %: <b>99.0000</b>   | GreenScreen: <b>BM-1</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: No residuals or impurities are expected to be present at or above 100 ppm. |                          |                 |  |                               |

### 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   | CDPH Standard Method - Not tested               |                                   |
|---|---|-----------------------------------|
| CERTIFYING PARTY: Self-declared<br>APPLICABLE FACILITIES: 3811 Curtis Avenue, Baltimore, MD, USA.<br>CERTIFICATE URL:<br>CERTIFICATION AND COMPLIANCE NOTES:  | ISSUE DATE: 2024-01-05 00:00:00<br>EXPIRY DATE: | CERTIFIER OR LAB: None            |
| VOC CONTENT   | MAS Certified Green - VOC Content               |                                   |
| CERTIFYING PARTY: Self-declared<br>APPLICABLE FACILITIES: 3811 Curtis Avenue, Baltimore, MD, USA.<br>CERTIFICATE URL:<br>CERTIFICATION AND COMPLIANCE NOTES: This is not MAS Green Certification. The VOC content is self-reported by using primary information i.e. SDS. VOC content for Part A & B= 0 grams/liter | ISSUE DATE: 2024-01-05 00:00:00<br>EXPIRY DATE: | CERTIFIER OR LAB: kaufmanproducts |

### 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

- VOC Content
- 0 grams/liter
- Packaging
- 2 gallon unit
- 10 gallon unit
- 100 gallon unit
- Coverage Rate
- 200 ft2 /gallon 8 mils thick
- 400 ft2 /gallon 4 mils thick
- Colors
- Light Gray (741)
- Medium Gray (742)
- Dark Gray (745)
- Red (744)
- Orange (743)
- Special colors available upon request



MANUFACTURER INFORMATION

MANUFACTURER: **Kaufman Products, Inc.**  
ADDRESS: **3811 Curtis Avenue**  
**Baltimore, Maryland 21226**  
COUNTRY: **United States**

WEBSITE: **kaufmanproducts.net**  
CONTACT NAME: **Alex Kaufman**  
TITLE: **President**  
PHONE: **4103548600**  
EMAIL: **akaufman@kaufmanproducts.net**

*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            |

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| <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 for compliance with the HPD standard noted.*