

HPD UNIQUE IDENTIFIER: 103036248064

CLASSIFICATION: 09 54 23 Linear Metal Ceilings

PRODUCT DESCRIPTION: This HPD reflects the Torsion Spring, Plaza Large Format Honeycomb Panels, Hook On, Snap In, Lay-In, Lay-In Levels and Gladius formulations which can be coated in a wide range of finished and colors.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format                                                                                                       | Threshold Level                                                                                                                                                                    | Residuals/Impurities Evaluation                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><input checked="" type="radio"/> Nested Materials Method</div> <div><input type="radio"/> Basic Method</div>                | <div><input type="radio"/> 100 ppm</div> <div><input checked="" type="radio"/> 1,000 ppm</div> <div><input type="radio"/> Per GHS SDS</div> <div><input type="radio"/> Other</div> | <div>Completed in 5 of 5 Materials</div> <div>Explanation(s) provided for Residuals/Impurities?</div> <div><input checked="" type="radio"/> Yes <input type="radio"/> No</div> | <div>For all contents above the threshold, the manufacturer has:</div> <div>Characterized<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div> <div>Provided weight and role.</div> <div>Screened<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div> <div>Provided screening results using HPDC-approved methods.</div> <div>Identified<div><input type="radio"/> Yes <input checked="" type="radio"/> No</div></div> <div>Provided name and CAS RN or other identifier.</div> |
| <div>Threshold Disclosed Per</div> <div><input type="radio"/> Material</div> <div><input checked="" type="radio"/> Product</div> |                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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

**METAL BASE** [ **ALUMINUM** **LT-P1** ] END | MAM | PHY **IRON, ELEMENTAL** **LT-P1** ] END **SILICON, ELEMENTAL** **LT-UNK** ] **METAL CEILING PCF** [ **PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH 2,2'-[(1-METHYLETHYLIDENE) BIS(4,1-PHENYLENEOXYMETHYLENE)]BIS[OXIRANE]** **LT-P1** ] END **BARIUM SULFATE** **BM-2** ] CAN | MAM **TITANIUM DIOXIDE** **BM-1** ] CAN | END | MAM **CERAMIC MATERIALS AND WARES, CHEMICALS** **LT-UNK** ] MUL **1,3,5-TRIGLYCIDYL-S-TRIAZINETRIONE** **LT-1** ] MUL | RES | GEN | MAM | EYE | SKI | AQU | REP **AMORPHOUS SILICA** **BM-1** ] CAN | MAM **ALUMINUM HYDROXIDE** **BM-2** ] SKI | EYE **ALUMINUM** **LT-P1** ] END | MAM | PHY **C.I. PIGMENT BROWN 24** **BM-1** ] **METAL CEILINGS FCC** [ **TITANIUM DIOXIDE** **BM-1** ] CAN | END | MAM **PETROLEUM DISTILLATES** **BM-1** ] MUL | MAM | SKI | AQU **AROMATIC 100 (AROMATIC NAPHTHA, TYPE 1)** **LT-1** ] END | CAN | MUL | GEN | SKI | EYE | MAM **ISOBUTYL ALCOHOL** **BM-2** ] SKI | EYE | MAM **2-BUTOXYETHANOL** **BM-2** ] END | SKI | EYE | MAM | REP **N-BUTANOL** **BM-2** ] SKI | EYE | MAM **1,2,4-TRIMETHYLBENZENE** **BM-2** ] MUL | SKI | EYE | AQU | MAM **PENTANEDIOIC ACID, DIMETHYL ESTER** **BM-2** ] EYE **NAPHTHALENE** **LT-1** ] END | PBT | CAN | MUL | AQU | EYE | MAM **ETHANOL, 2-BUTOXY-, ACETATE** **LT-UNK** ] CAN | MAM **ETHYLBENZENE** **BM-1** ] END | CAN | REP | PHY | MAM | EYE | SKI | AQU **BUTYL ACETATE** **BM-3** ] MAM | EYE | PHY **ALUMINUM** **LT-P1** ] END | MAM | PHY **2-PROPANOL, 1-METHOXY-, ACETATE** **LT-UNK** ] MAM | EYE **2-ETHYL-1-HEXANOL** **BM-2** ] END | SKI | EYE | MAM | REP | DEV **ETHANOL, 2-(2-BUTOXYETHOXY)-** **LT-P1** ] END | EYE | MAM **TOLUENE** **BM-1** ] END | DEV | MUL | REP | SKI | PHY | MAM | EYE | AQU **XYLENE** **BM-1** ] END | MUL | REP | SKI | EYE | MAM | AQU ] **METAL FILM 2** [ **UNDISCLOSED** **NoGS** ] **METAL FILM 1** [ **UNDISCLOSED** **LT-P1** ] RES | CAN ]

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:**

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.

All materials have been screened through the HPD tool. All residuals and impurities have been considered and noted if the values exceed the reporting threshold.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** *See Section 3 for additional listings.*

VOC emissions: UL/GreenGuard Gold Certified

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.

Third Party Verified?

- ☐ Yes
- ☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2025-06-20  
PUBLISHED DATE: 2025-06-20  
EXPIRY DATE: 2028-06-20

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)

|                                                                                                                                                                                                                                                                                                                                                                        |  |                                                    |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|----------------------|
| METAL BASE                                                                                                                                                                                                                                                                                                                                                             |  | %: 90.0000 - 99.0000                               |                      |
| PRODUCT THRESHOLD: 1000 ppm                                                                                                                                                                                                                                                                                                                                            |  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Metal |
| RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been noted when applicable to the HPD's reporting threshold.                                                                                                                                                                                                                                         |  |                                                    |                      |
| OTHER MATERIAL NOTES: The information within this HPD is a compilation of the formulations and finishes from the product lines represented by this HPD. The raw material SDS information, in additional to supplier information was included within the content inventory for each ingredient/substance. All residuals and impurities have been noted when applicable. |  |                                                    |                      |

| ALUMINUM                                                  |                                       |          |                                                                                                                                                           | ID: 7429-90-5                 |
|-----------------------------------------------------------|---------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                       |          | HAZARD SCREENING DATE: 2025-06-20 11:02:59                                                                                                                |                               |
| %: 95.0000 - 99.0000                                      | GreenScreen: LT-P1                    | RC: None | NANO: No                                                                                                                                                  | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                  |          | WARNINGS                                                                                                                                                  |                               |
| END                                                       | TEDX - Potential Endocrine Disruptors |          | Potential Endocrine Disruptor                                                                                                                             |                               |
| 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]                                          |                               |
| PHY                                                       | GHS - Japan                           |          | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |                               |
| PHY                                                       | GHS - Malaysia                        |          | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |                               |
| PHY                                                       | GHS - Australia                       |          | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |                               |
| PHY                                                       | GHS - New Zealand                     |          | Pyrophoric solids category 1                                                                                                                              |                               |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                           |
|---------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                      |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

IRON, ELEMENTAL

ID: 7439-89-6

|                                                                  |                                       |                               |                                                   |                                      |
|------------------------------------------------------------------|---------------------------------------|-------------------------------|---------------------------------------------------|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                               | HAZARD SCREENING DATE: <b>2025-06-20 11:02:59</b> |                                      |
| %: <b>0.0000 - 4.0000</b>                                        | GreenScreen: <b>LT-P1</b>             | RC: <b>None</b>               | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                  | WARNINGS                      |                                                   |                                      |
| END                                                              | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |                                                   |                                      |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                  | NOTIFICATION                  |                                                   |                                      |
| None found                                                       |                                       |                               | No listings found on Additional Hazard Lists      |                                      |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

SILICON, ELEMENTAL

ID: 7440-21-3

|                                                                  |                            |                                                |                                                   |                                      |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2025-06-20 11:03:00</b> |                                      |
| %: <b>0.0000 - 2.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</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: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

PRODUCT THRESHOLD: 1000 ppmRESIDUALS AND IMPURITIES EVALUATION COMPLETED: YesMATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been noted when applicable to the HPD's reporting threshold.

OTHER MATERIAL NOTES: The information within this HPD is a compilation of the formulations and finishes from the product lines represented by this HPD. The raw material SDS information, in additional to supplier information was included within the content inventory for each ingredient/substance. All residuals and impurities have been noted when applicable.

PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH  
2,2'-[(1-METHYLETHYLIDENE) BIS(4,1-PHENYLENEOXYMETHYLENE)]BIS[OXIRANE]

ID: 25036-25-3

|                                                                                                                                          |                                    |                                                                |                                                   |                                    |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------|---------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                         |                                    |                                                                | HAZARD SCREENING DATE: <b>2025-06-20 11:03:00</b> |                                    |
| %: <b>60.0000 - 80.0000</b>                                                                                                              | GreenScreen: <b>LT-P1</b>          | RC: <b>None</b>                                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Plasticizer</b> |
| HAZARD TYPE                                                                                                                              | LIST NAME AND SOURCE               | WARNINGS                                                       |                                                   |                                    |
| END                                                                                                                                      | EU - Priority Endocrine Disruptors | Category 1 - In vivo evidence of Endocrine Disruption Activity |                                                   |                                    |
| ADDITIONAL LISTINGS                                                                                                                      | LIST NAME AND SOURCE               | NOTIFICATION                                                   |                                                   |                                    |
| None found                                                                                                                               |                                    |                                                                | No listings found on Additional Hazard Lists      |                                    |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                    |                                                                |                                                   |                                    |

BARIUM SULFATE

ID: 7727-43-7

|                                                           |                      |                                                                                                                                                           |                                            |                        |
|-----------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      |                                                                                                                                                           | HAZARD SCREENING DATE: 2025-06-20 11:03:00 |                        |
| %: 0.1000 - 12.0000                                       | GreenScreen: BM-2    | RC: None                                                                                                                                                  | NANO: No                                   | SUBSTANCE ROLE: Filler |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                  |                                            |                        |
| CAN                                                       | MAK                  | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |                                            |                        |
| 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                      |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

TITANIUM DIOXIDE

ID: 13463-67-7

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                                                                                                                                                           | HAZARD SCREENING DATE: <b>2025-06-20 11:03:00</b> |                                   |
|------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------|
| %: <b>5.0000 - 10.0000</b>                                       | GreenScreen: <b>BM-1</b>                  | RC: <b>None</b>                                                                                                                                           | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Brightener</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |                                                   |                                   |
| CAN                                                              | US CDC - Occupational Carcinogens         | Occupational Carcinogen                                                                                                                                   |                                                   |                                   |
| CAN                                                              | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route                                                                                                  |                                                   |                                   |
| CAN                                                              | IARC                                      | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources                                                                            |                                                   |                                   |
| CAN                                                              | MAK                                       | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value                                                      |                                                   |                                   |
| END                                                              | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor                                                                                                                             |                                                   |                                   |
| CAN                                                              | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |                                                   |                                   |
| CAN                                                              | IARC                                      | Group 2b - Possibly carcinogenic to humans                                                                                                                |                                                   |                                   |
| CAN                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                                   |                                   |
| CAN                                                              | GHS - Japan                               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                                   |                                   |
| MAM                                                              | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                                   |                                   |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                   | NOTIFICATION                                                                                                                            |
|---------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)            | US EPA - DfE Safer Chemicals Ingredients list (SCIL)<br><br>Colorants - Green Circle (Verified Low Concern)                             |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products          |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

CERAMIC MATERIALS AND WARES, CHEMICALS

ID: 66402-68-4

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                              |                                                                                          | HAZARD SCREENING DATE: <b>2025-06-20 11:02:59</b> |                                            |
|------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------|
| %: <b>0.1000 - 10.0000</b>                                       | GreenScreen: <b>LT-UNK</b>                   | RC: <b>None</b>                                                                          | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                         | WARNINGS                                                                                 |                                                   |                                            |
| MUL                                                              | German FEA - Substances Hazardous to Waters  | Class 2 - Hazard to Waters                                                               |                                                   |                                            |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                         | NOTIFICATION                                                                             |                                                   |                                            |
| EXEMPT                                                           | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety |                                                   |                                            |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

1,3,5-TRIGLYCIDYL-S-TRIAZINETRIONE

ID: 2451-62-9

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                                                      | HAZARD SCREENING DATE: <b>2025-06-20 11:03:00</b> |                                            |
|------------------------------------------------------------------|--------------------------|------------------------------------------------------|---------------------------------------------------|--------------------------------------------|
| %: <b>0.1000 - 8.0000</b>                                        | GreenScreen: <b>LT-1</b> | RC: <b>None</b>                                      | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     | WARNINGS                                             |                                                   |                                            |
| MUL                                                              | ChemSec - SIN List       | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |                                                   |                                            |

|     |                                             |                                                                                                                                                           |
|-----|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| RES | MAK                                         | Sensitizing Substance Sah - Danger of airway & skin sensitization                                                                                         |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                                                                |
| GEN | EU - Annex VI CMRs                          | Mutagen - Category 1B                                                                                                                                     |
| GEN | GHS - Japan                                 | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1B]                                                                                   |
| GEN | GHS - Korea                                 | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1]                                                                                    |
| GEN | EU - GHS (H-Statements) Annex 6 Table 3-1   | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]                                                                             |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1   | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |
| EYE | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |
| GEN | GHS - New Zealand                           | Germ cell mutagenicity 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] |
| MAM | GHS - New Zealand                           | Specific target organ toxicity - repeated exposure category 1                                                                                             |
| MAM | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| EYE | GHS - New Zealand                           | Serious eye damage category 1                                                                                                                             |
| MAM | GHS - New Zealand                           | Acute inhalation toxicity category 3                                                                                                                      |
| SKI | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| AQU | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 3                                                                                                 |
| SKI | GHS - New Zealand                           | Skin sensitisation category 1                                                                                                                             |
| REP | GHS - Japan                                 | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                                           |
| MAM | GHS - Korea                                 | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |
| MAM | GHS - New Zealand                           | Acute oral toxicity category 3                                                                                                                            |
| EYE | GHS - Japan                                 | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                                  |
| MAM | GHS - Japan                                 | H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]                                                                                            |
| MAM | GHS - Korea                                 | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |
| MAM | GHS - Japan                                 | H331 - Toxic if inhaled [Acute toxicity (inhalation: dust, mist) - Category 3]                                                                            |

|                                                                                                                                          |                                                         |                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| EYE                                                                                                                                      | GHS - Korea                                             | H318 - Causes serious eye damage [Serious eye damage/irritation - Category 1]                                                     |
| GEN                                                                                                                                      | EU - SVHC List                                          | Mutagenic - Candidate list                                                                                                        |
| GEN                                                                                                                                      | EU - REACH Annex XVII CMRs                              | Germ cell mutagens: Category 1B                                                                                                   |
| ADDITIONAL LISTINGS                                                                                                                      | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                      |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products          |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                            |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products    |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                                         |                                                                                                                                   |

AMORPHOUS SILICA

ID: 7631-86-9

|                                                           |                                       |                                                                                                                                                           |                                            |                        |
|-----------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                       |                                                                                                                                                           | HAZARD SCREENING DATE: 2025-06-20 11:03:02 |                        |
| ?: 1.0000 - 5.0000                                        | GreenScreen: BM-1                     | RC: None                                                                                                                                                  | NANO: No                                   | SUBSTANCE ROLE: Filler |
| 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<br><br>Antimicrobials                                                                                               |                                            |                        |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

## ALUMINUM HYDROXIDE

ID: 21645-51-2

|                                                                  |                                                         |                                                                                               |                                                   |                               |
|------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                         |                                                                                               | HAZARD SCREENING DATE: <b>2025-06-20 11:03:01</b> |                               |
| %: <b>0.1000 - 5.0000</b>                                        | GreenScreen: <b>BM-2</b>                                | RC: <b>None</b>                                                                               | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                                    |                                                                                               | WARNINGS                                          |                               |
| SKI                                                              | GHS - New Zealand                                       |                                                                                               | Skin irritation category 2                        |                               |
| EYE                                                              | GHS - New Zealand                                       |                                                                                               | Eye irritation category 2                         |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                                    |                                                                                               | NOTIFICATION                                      |                               |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                   |                               |
|                                                                  |                                                         | Biological and Environmentally Released Materials                                             |                                                   |                               |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                   |                               |
|                                                                  |                                                         | Children's Products                                                                           |                                                   |                               |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024            |                                                   |                               |
|                                                                  |                                                         | Children's Toy Products                                                                       |                                                   |                               |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

## ALUMINUM

ID: 7429-90-5

|                                                                  |                           |                 |                                                   |                               |
|------------------------------------------------------------------|---------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                 | HAZARD SCREENING DATE: <b>2025-06-20 11:03:01</b> |                               |
| %: <b>0.1000 - 5.0000</b>                                        | GreenScreen: <b>LT-P1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</b> |

| HAZARD TYPE                                                                                                                              | LIST NAME AND SOURCE                                   | WARNINGS                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                                                                                                                                      | TEDX - Potential Endocrine Disruptors                  | Potential Endocrine Disruptor                                                                                                                             |
| 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]                                          |
| PHY                                                                                                                                      | GHS - Japan                                            | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |
| PHY                                                                                                                                      | GHS - Malaysia                                         | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |
| PHY                                                                                                                                      | GHS - Australia                                        | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |
| PHY                                                                                                                                      | GHS - New Zealand                                      | Pyrophoric solids category 1                                                                                                                              |
| ADDITIONAL LISTINGS                                                                                                                      | LIST NAME AND SOURCE                                   | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials    |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                                  |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                         |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                                        |                                                                                                                                                           |

| C.I. PIGMENT BROWN 24                                     |                      |                                            |                                                | ID: 68186-90-3      |
|-----------------------------------------------------------|----------------------|--------------------------------------------|------------------------------------------------|---------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2025-06-20 11:03:02 |                                                |                     |
| %: 0.1000 - 1.0000                                        | GreenScreen: BM-1    | RC: None                                   | NANO: No                                       | SUBSTANCE ROLE: Dye |
| 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     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                     |                                                         | Biological and Environmentally Released Materials                                             |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                     |                                                         | Children's Products                                                                           |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                     |                                                         | Cosmetics & Personal Care Products                                                            |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024            |
|                     |                                                         | Children's Toy Products                                                                       |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

METAL CEILINGS FCC %: 0.0000 - 5.0000

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been noted when applicable to the HPD's reporting threshold.

OTHER MATERIAL NOTES: The information within this HPD is a compilation of the formulations and finishes from the product lines represented by this HPD. The raw material SDS information, in addition to supplier information was included within the content inventory for each ingredient/substance. All residuals and impurities have been noted when applicable.

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2025-06-20 11:03:03

%: 10.0000 - 40.0000      GreenScreen: BM-1      RC: None      NANO: No      SUBSTANCE ROLE: Brightener

| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |
|-------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN         | US CDC - Occupational Carcinogens         | Occupational Carcinogen                                                                                                                                   |
| CAN         | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route                                                                                                  |
| CAN         | IARC                                      | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources                                                                            |
| CAN         | MAK                                       | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value                                                      |
| END         | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor                                                                                                                             |
| CAN         | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |
| CAN         | IARC                                      | Group 2b - Possibly carcinogenic to humans                                                                                                                |
| CAN         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| CAN         | GHS - Japan                               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| MAM         | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                   | NOTIFICATION                                                                                                                            |
|---------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)            | US EPA - DfE Safer Chemicals Ingredients list (SCIL)<br><br>Colorants - Green Circle (Verified Low Concern)                             |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products          |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

%: 10.0000 - 20.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

| HAZARD TYPE                                                                                                                              | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| MUL                                                                                                                                      | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                         |
| 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] |
| 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                                                                                     |
|                                                                                                                                          |                                             | Some Solvents                                                                                                             |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                             |                                                                                                                           |

AROMATIC 100 (AROMATIC NAPHTHA, TYPE 1)

ID: 64742-95-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-06-20 11:03:04

%: 5.0000 - 15.0000

GreenScreen: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                |
|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| END         | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                                           |
| CAN         | EU - Annex VI CMRs                          | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                                                                   |
| MUL         | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                                                    |
| 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>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 (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products          |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                            |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products    |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                                         |                                                                                                                                   |

|                                                           |                   |          |                                            |                         |
|-----------------------------------------------------------|-------------------|----------|--------------------------------------------|-------------------------|
| ISOBUTYL ALCOHOL                                          |                   |          |                                            | ID: 78-83-1             |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2025-06-20 11:03:02 |                         |
| %: 0.1000 - 10.0000                                       | GreenScreen: BM-2 | RC: None | NANO: No                                   | SUBSTANCE ROLE: Solvent |

| HAZARD TYPE         | LIST NAME AND SOURCE                      | WARNINGS                                                                                                |
|---------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 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 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - 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                                                                               |
| SKI                 | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                  |
| EYE                 | GHS - Japan                               | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                     |
| SKI                 | GHS - Japan                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                |
| SKI                 | GHS - Malaysia                            | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                  |
| EYE                 | GHS - Malaysia                            | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                       |
| EYE                 | GHS - Australia                           | H318 - Causes serious eye damage [Serious eye damage/eye irritation - 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: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

|                                                           |                   |                                            |          |                         |
|-----------------------------------------------------------|-------------------|--------------------------------------------|----------|-------------------------|
| 2-BUTOXYETHANOL                                           |                   | ID: 111-76-2                               |          |                         |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   | HAZARD SCREENING DATE: 2025-06-20 11:03:03 |          |                         |
| %: 5.0000 - 10.0000                                       | GreenScreen: BM-2 | RC: None                                   | NANO: No | SUBSTANCE ROLE: Solvent |

| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |
|-------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END         | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor                                                                                                                             |
| 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]                                                                    |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |
| 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 - Japan                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| REP         | GHS - Japan                               | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                                           |
| MAM         | Québec CSST - WHMIS 1988                  | Class D1A - Very toxic material causing immediate and serious toxic effects                                                                               |
| MAM         | GHS - Japan                               | H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]                                                                                  |
| EYE         | GHS - Japan                               | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                                  |
| MAM         | GHS - Japan                               | H330 - Fatal if inhaled [Acute toxicity (inhalation: vapor) - Category 2]                                                                                 |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                  |
|---------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List                                                         |
|                     |                                                         | Some Solvents                                                                                 |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                     |                                                         | Cosmetics & Personal Care Products                                                            |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

| HAZARD TYPE         | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |
|---------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |
| MAM                 | GHS - Japan                               | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |
| SKI                 | GHS - New Zealand                         | Skin irritation category 2                                                                                                                                |
| SKI                 | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/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] |
| 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                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| SKI                 | GHS - Malaysia                            | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| EYE                 | GHS - Malaysia                            | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |
| EYE                 | GHS - Japan                               | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                                  |
| EYE                 | GHS - Australia                           | H318 - Causes serious eye damage [Serious eye damage/eye irritation - 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: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

1,2,4-TRIMETHYLBENZENE

ID: 95-63-6

|                                                                  |                          |                 |                                                   |                                |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-06-20 11:03:04</b> |                                |
| %: <b>0.1000 - 6.0000</b>                                        | GreenScreen: <b>BM-2</b> | RC: <b>None</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 3 - Severe 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<br><br>Some Solvents                                                                                                |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                             |                                                                                                                                                           |

|                                                            |                    |           |                                             |                         |  |
|------------------------------------------------------------|--------------------|-----------|---------------------------------------------|-------------------------|--|
| PENTANEDIOIC ACID, DIMETHYL ESTER                          |                    |           | ID: 1119-40-0                               |                         |  |
| HAZARD DATA SOURCE:  Pharos Chemical and Materials Library |                    |           | HAZARD SCREENING DATE:  2025-06-20 11:03:05 |                         |  |
| %: 1.0000 - 5.0000                                         | GreenScreen:  BM-2 | RC:  None | NANO:  No                                   | SUBSTANCE ROLE:  Binder |  |

| HAZARD TYPE         | LIST NAME AND SOURCE                  | WARNINGS                                                   |
|---------------------|---------------------------------------|------------------------------------------------------------|
| EYE                 | GHS - New Zealand                     | Eye irritation category 2                                  |
| 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: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

NAPHTHALENE

ID: 91-20-3

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                  |                                                                                                                           | HAZARD SCREENING DATE: <b>2025-06-20 11:03:05</b> |                                |
|------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|
| %: <b>1.0000 - 5.0000</b>                                        | GreenScreen: <b>LT-1</b>                         | RC: <b>None</b>                                                                                                           | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Solvent</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                             | WARNINGS                                                                                                                  |                                                   |                                |
| END                                                              | TEDX - Potential Endocrine Disruptors            | Potential Endocrine Disruptor                                                                                             |                                                   |                                |
| PBT                                                              | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Chemical for Priority Action                                                                                        |                                                   |                                |
| END                                                              | ChemSec - SIN List                               | Endocrine Disruption                                                                                                      |                                                   |                                |
| CAN                                                              | MAK                                              | Carcinogen Group 1 - Substances that cause cancer in man                                                                  |                                                   |                                |
| MUL                                                              | ChemSec - SIN List                               | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                                      |                                                   |                                |
| CAN                                                              | CA EPA - Prop 65                                 | Carcinogen                                                                                                                |                                                   |                                |
| CAN                                                              | IARC                                             | Group 2b - Possibly carcinogenic to humans                                                                                |                                                   |                                |
| CAN                                                              | MAK                                              | Carcinogen Group 2 - Considered to be carcinogenic for man                                                                |                                                   |                                |
| CAN                                                              | US NIH - Report on Carcinogens                   | Reasonably Anticipated to be Human Carcinogen                                                                             |                                                   |                                |
| PBT                                                              | US EPA - Priority PBTs (NWMP)                    | Priority PBT                                                                                                              |                                                   |                                |
| PBT                                                              | WA DoE - PBT                                     | PBT                                                                                                                       |                                                   |                                |
| PBT                                                              | US EPA - Toxics Release Inventory PBTs           | PBT                                                                                                                       |                                                   |                                |
| MUL                                                              | German FEA - Substances Hazardous to Waters      | Class 2 - Hazard to Waters                                                                                                |                                                   |                                |
| CAN                                                              | US EPA - IRIS Carcinogens                        | (1986) Group C - Possible human Carcinogen                                                                                |                                                   |                                |
| CAN                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1        | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                         |                                                   |                                |
| 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] |                                                   |                                |

|     |                    |                                                                                                                                                           |
|-----|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE | GHS - New Zealand  | Eye irritation category 2                                                                                                                                 |
| CAN | GHS - New Zealand  | Carcinogenicity category 2                                                                                                                                |
| CAN | GHS - Japan        | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| MAM | GHS - Japan        | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - New Zealand  | Specific target organ toxicity - repeated exposure category 1                                                                                             |
| MAM | GHS - Japan        | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen                                                                                                        |
| 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 - Japan        | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| CAN | GHS - Malaysia     | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| AQU | GHS - Malaysia     | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                 |
| AQU | GHS - Malaysia     | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| CAN | GHS - Australia    | H351 - Suspected of causing cancer [Carcinogenicity - 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     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                                                      |
| RESTRICTED LIST     | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                                       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                                                                        |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products                                                |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

ETHANOL, 2-BUTOXY-, ACETATE

ID: 112-07-2

|                                                                                                                                                     |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                    |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                     | HAZARD SCREENING DATE: <b>2025-06-20 11:03:03</b> |  |
| <div>%: <b>1.0000 - 5.0000</b></div> <div>HAZARD TYPE</div> <div>CAN</div> <div>MAM</div> <div>ADDITIONAL LISTINGS</div> <div>RESTRICTED LIST</div> | <div>GreenScreen: <b>LT-UNK</b></div> <div>LIST NAME AND SOURCE</div> <div>MAK</div> <div>GHS - Japan</div> <div>LIST NAME AND SOURCE</div> <div>Green Science Policy Institute (GSPI)</div> | <div>RC: <b>None</b></div> <div>NANO: <b>No</b></div> <div>WARNINGS</div> <div>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</div> <div>H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]</div> <div>NOTIFICATION</div> <div>GSPI - Six Classes Precautionary List</div> <div>Some Solvents</div> | <div>SUBSTANCE ROLE: <b>Solvent</b></div>         |  |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-06-20 11:03:05

| %: 1.0000 - 5.0000 | GreenScreen: BM-1                         | RC: None                                                                                                                                                  | NANO: No | SUBSTANCE ROLE: Solvent |
|--------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------|
| HAZARD TYPE        | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |          |                         |
| END                | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor                                                                                                                             |          |                         |
| CAN                | CA EPA - Prop 65                          | Carcinogen                                                                                                                                                |          |                         |
| CAN                | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |          |                         |
| CAN                | IARC                                      | Group 2b - Possibly carcinogenic to humans                                                                                                                |          |                         |
| REP                | GHS - Japan                               | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                                                     |          |                         |
| PHY                | EU - GHS (H-Statements) Annex 6 Table 3-1 | H225 - Highly flammable liquid and vapour [Flammable liquids - 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]                                                                    |          |                         |
| CAN                | GHS - New Zealand                         | Carcinogenicity category 2                                                                                                                                |          |                         |
| CAN                | GHS - Japan                               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |          |                         |
| MAM                | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |          |                         |
| REP                | GHS - New Zealand                         | Reproductive toxicity category 2                                                                                                                          |          |                         |
| AQU                | GHS - Japan                               | 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]                                      |          |                         |
| PHY                | GHS - New Zealand                         | Flammable liquids category 2                                                                                                                              |          |                         |
| PHY                | GHS - Japan                               | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |          |                         |
| PHY                | GHS - Malaysia                            | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |          |                         |
| PHY                | GHS - Australia                           | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |          |                         |
| 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 |
|                                                                                                                                          |                                       | Some Solvents                         |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                       |                                       |

|                                                                                                                                          |                                       |                                                                                                         |          |                        |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------|----------|------------------------|
| BUTYL ACETATE                                                                                                                            |                                       | ID: 123-86-4                                                                                            |          |                        |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                |                                       | HAZARD SCREENING DATE: 2025-06-20 11:03:04                                                              |          |                        |
| ?: 1.0000 - 5.0000                                                                                                                       | GreenScreen: BM-3                     | RC: None                                                                                                | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE                                                                                                                              | LIST NAME AND SOURCE                  | WARNINGS                                                                                                |          |                        |
| MAM                                                                                                                                      | GHS - Japan                           | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |          |                        |
| EYE                                                                                                                                      | GHS - New Zealand                     | Eye irritation category 2                                                                               |          |                        |
| PHY                                                                                                                                      | GHS - New Zealand                     | Flammable liquids category 2                                                                            |          |                        |
| PHY                                                                                                                                      | GHS - Japan                           | H225 - Highly flammable liquid and vapour [Flammable liquids - 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: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                       |                                                                                                         |          |                        |

|                                                           |                    |          |                                            |                        |
|-----------------------------------------------------------|--------------------|----------|--------------------------------------------|------------------------|
| ALUMINUM                                                  |                    |          |                                            | ID: 7429-90-5          |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    |          | HAZARD SCREENING DATE: 2025-06-20 11:03:03 |                        |
| %: 2.0000 - 5.0000                                        | GreenScreen: LT-P1 | RC: None | NANO: No                                   | SUBSTANCE ROLE: Filler |

| HAZARD TYPE                                                                                                                              | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                                                                                                                                      | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor                                                                                                                             |
| 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]                                          |
| PHY                                                                                                                                      | GHS - Japan                                             | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |
| PHY                                                                                                                                      | GHS - Malaysia                                          | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |
| PHY                                                                                                                                      | GHS - Australia                                         | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |
| PHY                                                                                                                                      | GHS - New Zealand                                       | Pyrophoric solids category 1                                                                                                                              |
| ADDITIONAL LISTINGS                                                                                                                      | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials    |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                                  |
| RESTRICTED LIST                                                                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                         |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                                                         |                                                                                                                                                           |

| 2-PROPANOL, 1-METHOXY-, ACETATE                                  |                                       |                                                                                                         |                                                   | ID: 108-65-6                   |
|------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                                                                                                         | HAZARD SCREENING DATE: <b>2025-06-20 11:03:05</b> |                                |
| %: <b>0.1000 - 5.0000</b>                                        | GreenScreen: <b>LT-UNK</b>            | RC: <b>None</b>                                                                                         | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Solvent</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                  | WARNINGS                                                                                                |                                                   |                                |
| MAM                                                              | GHS - Japan                           | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |                                                   |                                |
| EYE                                                              | GHS - New Zealand                     | Eye irritation category 2                                                                               |                                                   |                                |
| 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: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

2-ETHYL-1-HEXANOL

ID: 104-76-7

|                                                                  |                                       |                                                                                                                     |                                                   |                               |
|------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                                                                                                                     | HAZARD SCREENING DATE: <b>2025-06-20 11:03:06</b> |                               |
| %: <b>1.0000 - 4.0000</b>                                        | GreenScreen: <b>BM-2</b>              | RC: <b>None</b>                                                                                                     | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Binder</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                  | WARNINGS                                                                                                            |                                                   |                               |
| END                                                              | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                                                                                       |                                                   |                               |
| SKI                                                              | GHS - New Zealand                     | Skin irritation category 2                                                                                          |                                                   |                               |
| EYE                                                              | GHS - New Zealand                     | Eye irritation category 2                                                                                           |                                                   |                               |
| SKI                                                              | GHS - Australia                       | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                |                                                   |                               |
| SKI                                                              | GHS - Japan                           | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                            |                                                   |                               |
| MAM                                                              | GHS - Japan                           | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |                                                   |                               |
| REP                                                              | GHS - Japan                           | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                     |                                                   |                               |
| EYE                                                              | GHS - Japan                           | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                            |                                                   |                               |
| DEV                                                              | GHS - Australia                       | H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]                                 |                                                   |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                  | NOTIFICATION                                                                                                        |                                                   |                               |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List                                                                               |                                                   |                               |
|                                                                  |                                       | Antimicrobials                                                                                                      |                                                   |                               |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List                                                                               |                                                   |                               |
|                                                                  |                                       | Some Solvents                                                                                                       |                                                   |                               |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

ETHANOL, 2-(2-BUTOXYETHOXY)-

ID: 112-34-5

|                                                                  |                           |                 |                                                   |                                |
|------------------------------------------------------------------|---------------------------|-----------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                 | HAZARD SCREENING DATE: <b>2025-06-20 11:03:06</b> |                                |
| %: <b>1.0000 - 4.0000</b>                                        | GreenScreen: <b>LT-P1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Solvent</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor                                                                                                                             |
| 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] |
| EYE                 | GHS - Japan                                             | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                                  |
| 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                                                    |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

TOLUENE

ID: 108-88-3

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                                                                                       | HAZARD SCREENING DATE: <b>2025-06-20 11:03:07</b> |                                 |
|------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------|
| %: <b>0.1000 - 2.5000</b>                                        | GreenScreen: <b>BM-1</b>                    | RC: <b>None</b>                                                                       | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Impurity</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        | WARNINGS                                                                              |                                                   |                                 |
| END                                                              | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                         |                                                   |                                 |
| DEV                                                              | G&L - Neurotoxic Chemicals                  | Developmental Neurotoxicant                                                           |                                                   |                                 |
| DEV                                                              | CA EPA - Prop 65                            | Developmental toxicity                                                                |                                                   |                                 |
| MUL                                                              | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                            |                                                   |                                 |
| REP                                                              | GHS - Japan                                 | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1A] |                                                   |                                 |
| SKI                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                |                                                   |                                 |

|     |                                           |                                                                                                                                                           |
|-----|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PHY | EU - GHS (H-Statements) Annex 6 Table 3-1 | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| DEV | EU - GHS (H-Statements) Annex 6 Table 3-1 | H361d - 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]                                                   |
| SKI | GHS - New Zealand                         | Skin irritation category 2                                                                                                                                |
| EYE | GHS - New Zealand                         | Eye irritation category 2                                                                                                                                 |
| SKI | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/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] |
| MAM | GHS - Japan                               | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| SKI | GHS - Japan                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| REP | GHS - New Zealand                         | Reproductive toxicity category 2                                                                                                                          |
| REP | GHS - Korea                               | H361 - Suspected of damaging fertility or the unborn child [Reproductive toxicity - Category 2]                                                           |
| REP | EU - Annex VI CMRs                        | Reproductive Toxicity - Category 2                                                                                                                        |
| SKI | GHS - Korea                               | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| AQU | GHS - Japan                               | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |
| SKI | GHS - Malaysia                            | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| PHY | GHS - Korea                               | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| PHY | GHS - New Zealand                         | Flammable liquids category 2                                                                                                                              |
| PHY | GHS - Japan                               | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| PHY | GHS - Malaysia                            | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| DEV | GHS - Malaysia                            | H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]                                                                       |
| PHY | GHS - Australia                           | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| DEV | GHS - Japan                               | H362 - May cause harm to breast-fed children [Developmental Toxicity - May cause harm to breast-fed children]                                             |
| 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 - Malaysia                            | 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<br>[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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                                  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products          |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

XYLENE

ID: 1330-20-7

|                                                                  |                          |                 |                                                   |                                |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-06-20 11:03:07</b> |                                |
| %: <b>0.1000 - 2.5000</b>                                        | GreenScreen: <b>BM-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Solvent</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                                                             |
| MUL                 | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                                                         |
| REP                 | GHS - Japan                                 | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                                                     |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| SKI                 | GHS - New Zealand                           | Skin irritation category 2                                                                                                                                |
| EYE                 | GHS - New Zealand                           | Eye irritation category 2                                                                                                                                 |
| SKI                 | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/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] |
| MAM                 | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| SKI                 | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| REP                 | GHS - New Zealand                           | Reproductive toxicity category 2                                                                                                                          |
| EYE                 | GHS - Korea                                 | H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]                                                                         |
| SKI                 | GHS - Korea                                 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| MAM                 | GHS - Korea                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - Repeated exposure - Category 1]                   |
| 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]                                      |
| SKI                 | GHS - Malaysia                              | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| 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                                                                                                                     |
|                     |                                             | Antimicrobials                                                                                                                                            |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List                                                                                                                     |
|                     |                                             | Some Solvents                                                                                                                                             |

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

METAL FILM 2 %: 0.0000 - 5.0000

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Other: Protective Coating

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been noted when applicable to the HPD's reporting threshold.

OTHER MATERIAL NOTES: The information within this HPD is a compilation of the formulations and finishes from the product lines represented by this HPD. The raw material SDS information, in additional to supplier information was included within the content inventory for each ingredient/substance. All residuals and impurities have been noted when applicable.

UNDISCLOSED ID: Undisclosed

|                                                                                                                                          |                          |                                                |                                                  |                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------|--------------------------------------------------|-----------------------------------------|--|
| HAZARD DATA SOURCE: <b>Toxnot Chemical Hazard Screening Library</b>                                                                      |                          |                                                | HAZARD SCREENING DATE: <b>2022-05-19 6:13:02</b> |                                         |  |
| %: <b>99.0000 - 100.0000</b>                                                                                                             | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Surface 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                                   |                                                  |                                         |  |
| None found                                                                                                                               |                          | No listings found on Additional Hazard Lists   |                                                  |                                         |  |
| SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers. |                          |                                                |                                                  |                                         |  |

METAL FILM 1 %: 0.0000 - 5.0000

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Other: Protective Coating

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been noted when applicable to the HPD's reporting threshold.

OTHER MATERIAL NOTES: The information within this HPD is a compilation of the formulations and finishes from the product lines represented by this HPD. The raw material SDS information, in additional to supplier information was included within the content inventory for each ingredient/substance. All residuals and impurities have been noted when applicable.

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library

HAZARD SCREENING DATE: 2022-05-19 6:13:04

%: 99.0000 - 100.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Surface modifier

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

RES

AOEC - Asthmagens

Respiratory Sensitization

CAN

MAK

Carcinogenicity

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The raw material range is based on content percent from SDS as well as direct inquires with our raw material suppliers.

### 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                                                                                                                                                                                                                        | UL/GreenGuard Gold Certified     |                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------|
| CERTIFYING PARTY: Third Party                                                                                                                                                                                                        | ISSUE DATE: 2019-06-29 00:00:00  | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: All facilities all metal ceilings                                                                                                                                                                             | EXPIRY DATE: 2026-06-26 00:00:00 |                      |
| CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5ad1e81d55b0e82d946a0bac?page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5ad1e81d55b0e82d946a0bac?page_type=Products%20Catalog</a> |                                  |                      |
| CERTIFICATION AND COMPLIANCE NOTES: Certificate # 6571-420 UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings                                                                      |                                  |                      |

### 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

All CertainTeed Ceilings products should be handled and installed per the requirements of the manufacturers SDS.  
For complete Safety and EHS information on any and all CertainTeed Ceilings Products please see <https://www.certainteed.com/ceilings-and-walls/metal/>.  
Additional Transparency documentation can be found at <https://saintgobain.ecomedes.com/>

## MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**  
ADDRESS: **20 Moores Rd**  
**Malvern, PA 19355**  
COUNTRY: **US**

WEBSITE: **<https://www.certainteed.com/ceilings-and-walls/metal/>**  
CONTACT NAME: **CertainTeed Ceilings**  
TITLE: **Director of Engineering**  
PHONE: **1-800-366-4327**  
EMAIL: **David.A.Bailey@saint-gobain.com**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

## KEY

### Hazard Types

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

### GreenScreen (GS)

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

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

### Recycled Types

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

### Other Terms:

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

### Inventory Methods:

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

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

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

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

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

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

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and*

