



SCREENING DATE: 2025-11-12  
PUBLISHED DATE: 2025-11-25  
EXPIRY DATE: 2028-11-12  
PREPARER: Self-Prepared  
VERIFIER: EUROCERT  
VERIFICATION #: o4n-26688

HPD UNIQUE IDENTIFIER: 309708076032  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: N/A  
PRODUCT TYPE: Exterior Floor Paint (Paints And Coatings)  
Interior Floor Paint (Paints And Coatings)

PRODUCT DESCRIPTION: National Guard Epoxy Flooring Topcoat is a two-component, solvent-based epoxy coating formulated to provide durable, chemical-resistant, and abrasion-resistant protection for concrete floors. It offers a smooth, low-maintenance finish ideal for industrial and commercial applications such as manufacturing areas, workshops, and assembly lines. The product demonstrates good adhesion, long-lasting performance, and resistance to a wide range of chemical solutions, ensuring effective floor protection under demanding service conditions. It complies with local VOC regulations and is manufactured in an ISO 9001, ISO 14001, and ISO 45001 certified facility. 09 90 00 Painting and Coatings

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

|                            |                                                   |                                                             |
|----------------------------|---------------------------------------------------|-------------------------------------------------------------|
| Inventory Reporting Format | Residuals/Impurities Evaluation                   | For all contents above the threshold, the manufacturer has: |
| → Nested Materials Method  | Not Completed                                     |                                                             |
| Threshold Disclosed Per    | Explanation(s) provided for Residuals/Impurities? | Characterized Yes                                           |
| → Product                  | Yes                                               | Provided weight and role.                                   |
| Threshold Level            |                                                   | Screened Yes                                                |
| → 100 ppm                  |                                                   | Provided screening results using HPDC-approved methods.     |
|                            |                                                   | Identified No                                               |
|                            |                                                   | Provided name and CAS RN or other identifier.               |

CONTENT IN DESCENDING ORDER OF QUANTITY

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

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
EPIKOTE RESIN 1001-X-75 [ BISPHENOL A EPICHLOROHYDRIN POLYMER [LT-P1] MUL | SKI | EYE | AQU XYLENES [BM-1] END | MUL | REP | SKI | EYE | MAM | AQU N-BUTYL GLYCIDYL ETHER [LT-1] CAN | SKI | MUL | GEN | MAM | EYE | AQU | REP ]  
TITANIUM DIOXIDE [ TITANIUM DIOXIDE [BM-1 \*] CAN | END | MAM 1,1,1-TRIS(HYDROXYMETHYL)PROPANE [BM-2] REP | AQU ] BARYTES 20 MICRONS [ BARITE (BA(SO4)) NoGS SILICON DIOXIDE [BM-1] CAN | MAM ] BUTYL GLYCOL [ ETHYLENE GLYCOL MONO-N-BUTYL ETHER [BM-2] END | SKI | EYE | MAM | REP ]  
UNDISCLOSED [ WATER [BM-4] QUARTZ [BM-1 \*] CAN | MAM | GEN ] BLUMER US 18 [ BUTYLATED POLYOXYMETHYLENE UREA [LT-UNK] BUTYL ALCOHOL [BM-2] SKI | EYE | MAM XYLENES [BM-1] END | MUL | REP | SKI | EYE | MAM | AQU  
FORMALDEHYDE [BM-1] CAN | END | SKI | MUL | MAM | GEN | AQU | EYE | PHY ]  
UNDISCLOSED [ DODECAMETHYLCYCLOHEXASILOXANE (D6) [BM-1] PBT  
OCTAMETHYLCYCLOTETRAASILOXANE [BM-1] END | PBT | MUL | AQU | REP  
DECAMETHYLCYCLOPENTASILOXANE (D5) [BM-1] END | PBT ]

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

INVENTORY AND SCREENING NOTES:

No Inventory and Screening Notes

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

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 213.12 Regulatory (g/l): 213.12  
Does the product contain exempt VOCs: No  
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario  
VOC content: CARB 2007, Suggested Control Measure (SCM) for Architectural Coatings

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

|                                                                                                         |                                              |                                                   |                                                                                                                           |                              |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------|
| EPIKOTE RESIN 1001-X-75                                                                                 |                                              | %: 51.4800 - 56.9000                              |                                                                                                                           |                              |
| PRODUCT THRESHOLD: 100 ppm                                                                              |                                              | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No |                                                                                                                           | MATERIAL TYPE: Other: Binder |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities Evaluation is Not Completed for this material. |                                              |                                                   |                                                                                                                           |                              |
| OTHER MATERIAL NOTES:                                                                                   |                                              |                                                   |                                                                                                                           |                              |
| BISPHENOL A EPICHLOROHYDRIN POLYMER                                                                     |                                              |                                                   |                                                                                                                           | ID: 25068-38-6               |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                               |                                              |                                                   | HAZARD SCREENING DATE: 2025-11-12 4:07:20                                                                                 |                              |
| %: 70.0000                                                                                              | GreenScreen: LT-P1                           | RC: None                                          | NANO: No                                                                                                                  | SUBSTANCE ROLE: Binder       |
| HAZARD TYPE                                                                                             | LIST NAME AND SOURCE                         |                                                   | WARNINGS                                                                                                                  |                              |
| MUL                                                                                                     | German FEA - Substances Hazardous to Waters  |                                                   | Class 2 - Hazard to Waters                                                                                                |                              |
| SKI                                                                                                     | EU - GHS (H-Statements) Annex 6 Table 3-1    |                                                   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                    |                              |
| EYE                                                                                                     | EU - GHS (H-Statements) Annex 6 Table 3-1    |                                                   | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                    |                              |
| AQU                                                                                                     | EU - GHS (H-Statements) Annex 6 Table 3-1    |                                                   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]      |                              |
| EYE                                                                                                     | GHS - New Zealand                            |                                                   | Eye irritation category 2                                                                                                 |                              |
| SKI                                                                                                     | GHS - Australia                              |                                                   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                    |                              |
| EYE                                                                                                     | GHS - Australia                              |                                                   | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                    |                              |
| SKI                                                                                                     | GHS - Japan                                  |                                                   | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                  |                              |
| SKI                                                                                                     | GHS - New Zealand                            |                                                   | Skin sensitisation category 1                                                                                             |                              |
| AQU                                                                                                     | GHS - New Zealand                            |                                                   | Hazardous to the aquatic environment - chronic category 2                                                                 |                              |
| AQU                                                                                                     | GHS - Japan                                  |                                                   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |                              |
| AQU                                                                                                     | GHS - Japan                                  |                                                   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |                              |
| AQU                                                                                                     | GHS - Australia                              |                                                   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]      |                              |
| ADDITIONAL LISTINGS                                                                                     | LIST NAME AND SOURCE                         |                                                   | NOTIFICATION                                                                                                              |                              |
| RESTRICTED LIST                                                                                         | International Living Future Institute (ILFI) |                                                   | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025                            |                              |
|                                                                                                         |                                              |                                                   | Red List substances to avoid in Living Building Challenge V4.0 projects                                                   |                              |
| SUBSTANCE NOTES:                                                                                        |                                              |                                                   |                                                                                                                           |                              |
| XYLENES                                                                                                 |                                              |                                                   |                                                                                                                           | ID: 1330-20-7                |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                               |                                              |                                                   | HAZARD SCREENING DATE: 2025-11-12 4:06:48                                                                                 |                              |
| %: 25.0000                                                                                              | 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                                                                                                                             |
| 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 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<br><br>Antimicrobials                                                                                               |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                                                                                |
| SUBSTANCE NOTES:    |                                             |                                                                                                                                                           |

N-BUTYL GLYCIDYL ETHER

ID: 2426-08-6

|                                                                  |                          |                 |                                                  |                               |
|------------------------------------------------------------------|--------------------------|-----------------|--------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:07:43</b> |                               |
| ?: <b>5.0000</b>                                                 | GreenScreen: <b>LT-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Binder</b> |

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN         | MAK                                         | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                                                              |
| SKI         | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                                                                   |
| CAN         | CA EPA - Prop 65                            | Carcinogen                                                                                                                                                |
| CAN         | IARC                                        | Group 2b - Possibly carcinogenic to humans                                                                                                                |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                                                                |
| GEN         | MAK                                         | Germ Cell Mutagen 2                                                                                                                                       |
| CAN         | GHS - Japan                                 | H350 - May cause cancer [Carcinogenicity - Category 1B]                                                                                                   |
| CAN         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| GEN         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - 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]                                                                                    |
| 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] |
| GEN         | GHS - Australia                             | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]                                                                         |
| GEN         | GHS - Japan                                 | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]                                                                         |
| MAM         | GHS - Japan                                 | H331 - Toxic if inhaled [Acute toxicity (inhalation: vapor) - Category 3]                                                                                 |
| CAN         | EU - Annex VI CMRs                          | Carcinogen Category 2 - Suspected human Carcinogen                                                                                                        |
| 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 - New Zealand                           | Reproductive toxicity category 2                                                                                                                          |
| REP         | GHS - Japan                                 | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - 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]                                      |
| GEN         | EU - Annex VI CMRs                          | Mutagen - Category 2                                                                                                                                      |
| GEN         | GHS - New Zealand                           | Germ cell mutagenicity category 2                                                                                                                         |
| MAM         | GHS - Japan                                 | H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]                                                                                  |
| CAN         | GHS - Australia                             | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| REP         | GHS - Australia                             | H361f - Suspected of damaging fertility [Reproductive toxicity - 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 v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |
|                     |                                                         | Cosmetics and Personal Care Products                                               |

SUBSTANCE NOTES:

TITANIUM DIOXIDE

%: 26.6000 - 29.4000

|                                                                                                         |                                                   |                               |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                              | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Other: Pigment |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities Evaluation is Not Completed for this material. |                                                   |                               |
| OTHER MATERIAL NOTES: The materials that contain the substance are declared under the same document.    |                                                   |                               |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-12 4:11:50

%: 97.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                                    |
|---------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | US CDC - Occupational Carcinogens                       | Occupational Carcinogen**                                                                                                                                   |
| CAN                 | CA EPA - Prop 65                                        | Carcinogen - specific to chemical form or exposure route**                                                                                                  |
| CAN                 | IARC                                                    | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**                                                                            |
| CAN                 | MAK                                                     | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**                                                      |
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor**                                                                                                                             |
| CAN                 | MAK                                                     | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**                                                                          |
| CAN                 | IARC                                                    | Group 2b - Possibly carcinogenic to humans**                                                                                                                |
| CAN                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |
| CAN                 | GHS - Japan                                             | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |
| MAM                 | GHS - Japan                                             | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                                |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)             | US EPA - DfE Safer Chemicals Ingredients list (SCIL)<br><br>Colorants - Green Circle (Verified Low Concern)                                                 |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products                              |

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

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-12 4:12:08

%: 1.0000

GreenScreen: BM-2

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

| HAZARD TYPE         | LIST NAME AND SOURCE                  | WARNINGS                                                                                                             |
|---------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| REP                 | GHS - Japan                           | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                |
| 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:

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities Evaluation is Not Completed for this material.

OTHER MATERIAL NOTES: The materials that contain the substance are declared under the same document.

|                                                                  |                          |                 |                                                  |                               |
|------------------------------------------------------------------|--------------------------|-----------------|--------------------------------------------------|-------------------------------|
| BARITE (BA(SO4))                                                 |                          |                 |                                                  | ID: 13462-86-7                |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:15:44</b> |                               |
| ?: <b>95.0000</b>                                                | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     |                 | WARNINGS                                         |                               |
| None found                                                       |                          |                 | No warnings found on HPD Priority Hazard Lists   |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     |                 | NOTIFICATION                                     |                               |
| None found                                                       |                          |                 | No listings found on Additional Hazard Lists     |                               |
| SUBSTANCE NOTES:                                                 |                          |                 |                                                  |                               |

| SILICON DIOXIDE                                                  |                                       |                 |                                                                                                                                                           | ID: 7631-86-9                 |
|------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:17:35</b>                                                                                                          |                               |
| %: <b>5.0000</b>                                                 | GreenScreen: <b>BM-1</b>              | RC: <b>None</b> | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                  |                 | WARNINGS                                                                                                                                                  |                               |
| CAN                                                              | GHS - Japan                           |                 | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |                               |
| CAN                                                              | GHS - Australia                       |                 | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |                               |
| MAM                                                              | GHS - Japan                           |                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |                               |
| MAM                                                              | GHS - Japan                           |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                               |
| MAM                                                              | GHS - Australia                       |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                  |                 | NOTIFICATION                                                                                                                                              |                               |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI) |                 | GSPI - Six Classes Precautionary List                                                                                                                     |                               |
|                                                                  |                                       |                 | Antimicrobials                                                                                                                                            |                               |
| SUBSTANCE NOTES:                                                 |                                       |                 |                                                                                                                                                           |                               |

BUTYL GLYCOL

?: 1.4300 - 1.5800

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities Evaluation is Not Completed for this material.

OTHER MATERIAL NOTES: The materials that contain the substance are declared under the same document.

|                                                                  |                                           |                 |                                                                                                                                                           |                                |
|------------------------------------------------------------------|-------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:12:32</b>                                                                                                          |                                |
| %: <b>100.0000</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                                                                                                                                                  |                                |
| 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                                                                                                                                             |                                |
| SUBSTANCE NOTES:                                                 |                                           |                 |                                                                                                                                                           |                                |

UNDISCLOSED

%: 0.7600 - 0.8400

|                                                                                                         |                                                   |                                 |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                              | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Other: Additives |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities Evaluation is Not Completed for this material. |                                                   |                                 |
| OTHER MATERIAL NOTES: The materials that contain the substance are declared under the same document.    |                                                   |                                 |

|                                                                  |                                              |                 |                                                              |                                |
|------------------------------------------------------------------|----------------------------------------------|-----------------|--------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                              |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:09:37</b>             |                                |
| %. <b>97.0100</b>                                                | GreenScreen: <b>BM-4</b>                     | RC: <b>None</b> | NANO: <b>No</b>                                              | SUBSTANCE ROLE: <b>Solvent</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                                                 |                                |
| EXEMPT                                                           | European Union / European Commission (EU EC) |                 | EU - REACH Exemptions                                        |                                |
|                                                                  |                                              |                 | Exempted from REACH Annex IV listing due to intrinsic safety |                                |
| SUBSTANCE NOTES:                                                 |                                              |                 |                                                              |                                |

QUARTZ

ID: 14808-60-7

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |                 |                                                                                                                                                             |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                   |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:09:16</b>                                                                                                            |                               |
| %: <b>2.9900</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GreenScreen: <b>BM-1</b>          | RC: <b>None</b> | NANO: <b>No</b>                                                                                                                                             | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LIST NAME AND SOURCE              |                 | WARNINGS                                                                                                                                                    |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US CDC - Occupational Carcinogens |                 | Occupational Carcinogen**                                                                                                                                   |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CA EPA - Prop 65                  |                 | Carcinogen - specific to chemical form or exposure route**                                                                                                  |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US NIH - Report on Carcinogens    |                 | Known to be Human Carcinogen (respirable size - occupational setting)**                                                                                     |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAK                               |                 | Carcinogen Group 1 - Substances that cause cancer in man**                                                                                                  |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IARC                              |                 | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**                                                                             |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IARC                              |                 | Group 1 - Agent is Carcinogenic to humans**                                                                                                                 |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US NIH - Report on Carcinogens    |                 | Known to be a human Carcinogen**                                                                                                                            |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GHS - Japan                       |                 | H350 - May cause cancer [Carcinogenicity - Category 1A]**                                                                                                   |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GHS - Australia                   |                 | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**                                                                              |                               |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GHS - New Zealand                 |                 | Carcinogenicity category 1**                                                                                                                                |                               |
| MAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GHS - Japan                       |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |                               |
| GEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GHS - Japan                       |                 | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**                                                                         |                               |
| MAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GHS - Australia                   |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**                   |                               |
| MAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GHS - New Zealand                 |                 | Specific target organ toxicity - repeated exposure category 1**                                                                                             |                               |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LIST NAME AND SOURCE              |                 | NOTIFICATION                                                                                                                                                |                               |
| None found                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                 | No listings found on Additional Hazard Lists                                                                                                                |                               |
| SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information. |                                   |                 |                                                                                                                                                             |                               |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities Evaluation is Not Completed for this material.

OTHER MATERIAL NOTES: The materials that contain the substance are declared under the same document.

|                                                                  |                                              |                 |                                                                                                |                               |
|------------------------------------------------------------------|----------------------------------------------|-----------------|------------------------------------------------------------------------------------------------|-------------------------------|
| BUTYLATED POLYOXYMETHYLENE UREA                                  |                                              |                 |                                                                                                | ID: 68002-19-7                |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                              |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:10:07</b>                                               |                               |
| %: <b>57.0000 - 61.0000</b>                                      | GreenScreen: <b>LT-UNK</b>                   | RC: <b>None</b> | NANO: <b>No</b>                                                                                | SUBSTANCE ROLE: <b>Binder</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                         |                 | WARNINGS                                                                                       |                               |
| None found                                                       |                                              |                 | No warnings found on HPD Priority Hazard Lists                                                 |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                         |                 | NOTIFICATION                                                                                   |                               |
| RESTRICTED LIST                                                  | International Living Future Institute (ILFI) |                 | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025 |                               |
|                                                                  |                                              |                 | Red List substances to avoid in Living Building Challenge V4.0 projects                        |                               |
| SUBSTANCE NOTES:                                                 |                                              |                 |                                                                                                |                               |

|                                                           |                                           |          |                                                                                                                                                           |                         |
|-----------------------------------------------------------|-------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| BUTYL ALCOHOL                                             |                                           |          |                                                                                                                                                           | ID: 71-36-3             |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                           |          | HAZARD SCREENING DATE: 2025-11-12 4:10:29                                                                                                                 |                         |
| %: 37.0000 - 41.0000                                      | 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]                                                   |                         |
| 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 - 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                                                                                                                     |                         |
|                                                           |                                           |          | Some Solvents                                                                                                                                             |                         |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-12 4:11:24

%: 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                                                                                                                             |
| 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 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<br><br>Antimicrobials                                                                                               |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                                                                                |
| SUBSTANCE NOTES:    |                                             |                                                                                                                                                           |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-12 4:11:03

%: 1.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

| HAZARD TYPE | LIST NAME AND SOURCE              | WARNINGS                |
|-------------|-----------------------------------|-------------------------|
| CAN         | US CDC - Occupational Carcinogens | Occupational Carcinogen |

|     |                                               |                                                                                                                                                           |
|-----|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END | TEDX - Potential Endocrine Disruptors         | Potential Endocrine Disruptor                                                                                                                             |
| CAN | EU - Annex VI CMRs                            | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                                                                                     |
| SKI | MAK                                           | Sensitizing Substance Sh - Danger of skin sensitization                                                                                                   |
| MUL | ChemSec - SIN List                            | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                                                                      |
| MUL | German FEA - Substances Hazardous to Waters   | Class 3 - Severe Hazard to Waters                                                                                                                         |
| CAN | US EPA - IRIS Carcinogens                     | (1986) Group B1 - Probable human Carcinogen                                                                                                               |
| CAN | IARC                                          | Group 1 - Agent is Carcinogenic to humans                                                                                                                 |
| CAN | CA EPA - Prop 65                              | Carcinogen                                                                                                                                                |
| CAN | US NIH - Report on Carcinogens                | Known to be a human Carcinogen                                                                                                                            |
| CAN | MAK                                           | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |
| MAM | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances                                                                                                                            |
| CAN | GHS - Japan                                   | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |
| CAN | GHS - Australia                               | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |
| CAN | GHS - Korea                                   | H350 - May cause cancer [Carcinogenicity - Category 1]                                                                                                    |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1     | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                                                                             |
| SKI | EU - GHS (H-Statements) Annex 6 Table 3-1     | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                                                      |
| 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]                                                                                            |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1     | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                                                                  |
| GEN | EU - GHS (H-Statements) Annex 6 Table 3-1     | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - 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] |
| GEN | GHS - Japan                                   | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]                                                                         |
| MAM | GHS - Japan                                   | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| SKI | GHS - Japan                                   | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]                                                                 |
| SKI | GHS - Australia                               | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                                                      |
| SKI | GHS - Korea                                   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]                                                                   |
| AQU | GHS - Japan                                   | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |
| MAM | GHS - Korea                                   | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                                                                  |
| MAM | GHS - Korea                                   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |
| MAM | Québec CSST - WHMIS 1988                      | Class D1A - Very toxic material causing immediate and serious toxic effects                                                                               |
| GEN | EU - Annex VI CMRs                            | Mutagen - Category 2                                                                                                                                      |
| MAM | GHS - Japan                                   | H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]                                                                                  |
| MAM | GHS - Malaysia                                | H300 - Fatal if swallowed [Acute toxicity (oral) - Category 1 or 2]                                                                                       |
| MAM | GHS - Malaysia                                | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                                                                  |
| MAM | GHS - Malaysia                                | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |

|                     |                                                          |                                                                                                            |
|---------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| SKI                 | GHS - Malaysia                                           | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]       |
| EYE                 | GHS - Malaysia                                           | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                          |
| MAM                 | GHS - Australia                                          | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                             |
| MAM                 | GHS - Australia                                          | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                   |
| MAM                 | GHS - Korea                                              | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 2]                                         |
| PHY                 | GHS - Korea                                              | H220 - Extremely flammable gas [Flammable gases - Category 1]                                              |
| PHY                 | Québec CSST - WHMIS 1988                                 | Class B1 - Flammable gases                                                                                 |
| MAM                 | GHS - Japan                                              | H330 - Fatal if inhaled [Acute toxicity (inhalation: gas) - Category 2]                                    |
| PHY                 | GHS - Japan                                              | H220 - Extremely flammable gas [Flammable gases - Category 1]                                              |
| CAN                 | GHS - Malaysia                                           | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                          |
| AQU                 | GHS - Australia                                          | H401 - Aquatic Acute 2 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2] |
| MAM                 | GHS - Australia                                          | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]                                    |
| CAN                 | EU - REACH Annex XVII CMRs                               | Carcinogens: Category 1B                                                                                   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                               |
| RESTRICTED LIST     | Perkins+Will (P+W)                                       | P&W - Precautionary List                                                                                   |
|                     |                                                          | Precautionary list of substances recommended for avoidance                                                 |
| 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                                                                                              |
| RESTRICTED LIST     | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025             |
|                     |                                                          | Red List substances to avoid in Living Building Challenge V4.0 projects                                    |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                         |
|                     |                                                          | All Products                                                                                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                         |
|                     |                                                          | Cosmetics and Personal Care Products                                                                       |
| SUBSTANCE NOTES:    |                                                          |                                                                                                            |

|                                                                                                         |                   |                                                   |          |
|---------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------|----------|
| UNDISCLOSED                                                                                             |                   | %: 0.0100 - 0.0100                                |          |
| PRODUCT THRESHOLD: 100 ppm                                                                              |                   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No |          |
| MATERIAL TYPE: Other: Additives                                                                         |                   |                                                   |          |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities Evaluation is Not Completed for this material. |                   |                                                   |          |
| OTHER MATERIAL NOTES: The materials that contain the substance are declared under the same document.    |                   |                                                   |          |
| DODECAMETHYLCYCLOHEXASILOXANE (D6)                                                                      |                   | ID: 540-97-6                                      |          |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                               |                   | HAZARD SCREENING DATE: 2025-11-12 4:14:58         |          |
| %: 99.2500                                                                                              | GreenScreen: BM-1 | RC: None                                          | NANO: No |
| SUBSTANCE ROLE: Dispersant                                                                              |                   |                                                   |          |

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                     |
|---------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PBT                 | EC - CEPA DSL                                           | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)                     |
| PBT                 | ChemSec - SIN List                                      | PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)                                   |
| PBT                 | EU - SVHC List                                          | PBT - Candidate list                                                                                                         |
| PBT                 | EU - SVHC List                                          | vPvB - Candidate list                                                                                                        |
| PBT                 | EU - SVHC List                                          | PBT - Prioritized for listing                                                                                                |
| PBT                 | EU - SVHC List                                          | vPvB - Prioritized for listing                                                                                               |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                 |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                                                   |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPiI) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products                       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPiI) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Using Optimized Materials - Silver |
| SUBSTANCE NOTES:    |                                                         |                                                                                                                              |

OCTAMETHYLCYCLOTETRAILOXANE

ID: 556-67-2

|                                                                  |                          |                 |                                                  |                                   |
|------------------------------------------------------------------|--------------------------|-----------------|--------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-11-12 4:13:38</b> |                                   |
| %, <b>0.2500</b>                                                 | GreenScreen: <b>BM-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Dispersant</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                  |
|---------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor                                                                                             |
| END                 | ChemSec - SIN List                                      | Endocrine Disruption                                                                                                      |
| PBT                 | OR DEQ - Priority Persistent Pollutants                 | Priority Persistent Pollutant - Tier 1                                                                                    |
| PBT                 | EC - CEPA DSL                                           | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)                  |
| PBT                 | EC - CEPA DSL                                           | Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans                                                        |
| MUL                 | ChemSec - SIN List                                      | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                                      |
| MUL                 | German FEA - Substances Hazardous to Waters             | Class 3 - Severe Hazard to Waters                                                                                         |
| PBT                 | ChemSec - SIN List                                      | PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)                                |
| END                 | EU - Priority Endocrine Disruptors                      | Category 1 - In vivo evidence of Endocrine Disruption Activity                                                            |
| AQU                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| REP                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]                                              |
| REP                 | GHS - New Zealand                                       | Reproductive toxicity category 2                                                                                          |
| 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                                                                 |
| REP                 | GHS - Japan                                             | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                           |
| REP                 | EU - Annex VI CMRs                                      | Reproductive Toxicity - Category 2                                                                                        |
| REP                 | GHS - Australia                                         | H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]                                              |
| PBT                 | EU - SVHC List                                          | PBT - Candidate list                                                                                                      |
| PBT                 | EU - SVHC List                                          | vPvB - Candidate list                                                                                                     |
| PBT                 | EU - SVHC List                                          | PBT - Prioritized for listing                                                                                             |
| PBT                 | EU - SVHC List                                          | vPvB - Prioritized for listing                                                                                            |
| 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 v4.1 Product Standard Restricted Substances - Effective July 1, 2025                                        |
|                     |                                                         | All Products                                                                                                              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                                        |
|                     |                                                         | Cosmetics and Personal Care Products                                                                                      |

SUBSTANCE NOTES:

|                                                           |                   |                                           |          |                            |
|-----------------------------------------------------------|-------------------|-------------------------------------------|----------|----------------------------|
| DECAMETHYLCYCLOPENTASILOXANE (D5)                         |                   |                                           |          | ID: 541-02-6               |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   | HAZARD SCREENING DATE: 2025-11-12 4:13:58 |          |                            |
| %: 0.2500                                                 | GreenScreen: BM-1 | RC: None                                  | NANO: No | SUBSTANCE ROLE: Dispersant |

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                 |
|---------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor                                                                            |
| PBT                 | OR DEQ - Priority Persistent Pollutants                 | Priority Persistent Pollutant - Tier 1                                                                   |
| PBT                 | EC - CEPA DSL                                           | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms) |
| PBT                 | ChemSec - SIN List                                      | PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)               |
| PBT                 | EU - SVHC List                                          | PBT - Candidate list                                                                                     |
| PBT                 | EU - SVHC List                                          | vPvB - Candidate list                                                                                    |
| PBT                 | EU - SVHC List                                          | PBT - Prioritized for listing                                                                            |
| PBT                 | EU - SVHC List                                          | vPvB - Prioritized for listing                                                                           |
| 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 v4.1 Product Standard Restricted Substances - Effective July 1, 2025                       |
|                     |                                                         | All Products                                                                                             |

SUBSTANCE NOTES:

### Section 3: Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

| VOC EMISSIONS                                                                                                                                                                                                                                                                                                                                               |  | CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|--------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification                                                                                                                                                                                                                                                                                                           |  | ISSUE DATE:                                                           | EXPIRY DATE: |
| <b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Wimpy Laboratories LLC                                                                                                                                                                                                                                                                                       |  | 2025-11-17                                                            | 2028-11-16   |
| <b>COMPLIANCE DETAILS:</b>                                                                                                                                                                                                                                                                                                                                  |  |                                                                       |              |
| <b>COMPLIANCE SCOPE:</b> Product                                                                                                                                                                                                                                                                                                                            |  |                                                                       |              |
| <b>APPLICABLE FACILITIES:</b> Wimpy Laboratories LLC Warehouse 1 & 2, Wimpey Building, Plot No: 364-8730, Al Quoz Industrial Area 1, Dubai, UAE. P.O Box: 123279                                                                                                                                                                                            |  |                                                                       |              |
| <b>COMPLIANCE URL:</b><br><a href="https://storage.googleapis.com/nportal.repository.liried.com/npwebsite/assetsnew/upload/actfilename2388/National%20Guard%20Epoxy%20Flooring%20Topcoat.pdf">https://storage.googleapis.com/nportal.repository.liried.com/npwebsite/assetsnew/upload/actfilename2388/National%20Guard%20Epoxy%20Flooring%20Topcoat.pdf</a> |  |                                                                       |              |
| <b>COMPLIANCE NOTES:</b> TVOC < 0.01 mg/m3 Individual VOC Not Detected Formaldehyde Not Detected Total Aldehydes Not Detected                                                                                                                                                                                                                               |  |                                                                       |              |
| VOC CONTENT                                                                                                                                                                                                                                                                                                                                                 |  | CARB 2007, Suggested Control Measure (SCM) for Architectural Coatings |              |
| <b>COMPLIANCE TYPE:</b> Third-party certification                                                                                                                                                                                                                                                                                                           |  | ISSUE DATE:                                                           | EXPIRY DATE: |
| <b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Wimpy Laboratory L.L.C                                                                                                                                                                                                                                                                                       |  | 2025-11-03                                                            | 2026-11-02   |
| <b>COMPLIANCE DETAILS:</b>                                                                                                                                                                                                                                                                                                                                  |  |                                                                       |              |
| <b>COMPLIANCE SCOPE:</b> Product                                                                                                                                                                                                                                                                                                                            |  |                                                                       |              |
| <b>APPLICABLE FACILITIES:</b> Wimpy Laboratory L.L.C Warehouse 1 & 2, Wimpey Building, Plot No: 364-8730 Al Quoz Industrial Area 1 Dubai, UAE. P.O Box: 123279                                                                                                                                                                                              |  |                                                                       |              |
| <b>COMPLIANCE URL:</b><br><a href="https://storage.googleapis.com/nportal.repository.liried.com/npwebsite/assetsnew/upload/actfilename2388/National%20Guard%20Epoxy%20Flooring%20Topcoat.pdf">https://storage.googleapis.com/nportal.repository.liried.com/npwebsite/assetsnew/upload/actfilename2388/National%20Guard%20Epoxy%20Flooring%20Topcoat.pdf</a> |  |                                                                       |              |
| <b>COMPLIANCE NOTES:</b> VOC USEPA-24 is 213.12 g/L                                                                                                                                                                                                                                                                                                         |  |                                                                       |              |

### Section 4: Accessories

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

|                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BRL 203</b>                                                                                                                                                                                                                            |
| MANUFACTURER (OR GENERIC): <b>Bharat Resin Limited</b>                                                                                                                                                                                    |
| HPD URL: No HPD Available                                                                                                                                                                                                                 |
| ACCESSORY TYPE: Other                                                                                                                                                                                                                     |
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Epoxy curing Resin - Reactive Polyamide based on demerised Vegetable acid & amines. Clear Amber, Transparent, Viscous, resinous, high molecular weight, solvent-soluble resin. |

### Section 5: General Notes

This Health Product Declaration (HPD) is prepared to provide transparency regarding the material composition and potential human and environmental health impacts of the National Guard Epoxy Flooring Topcoat. The information is based on data provided by the manufacturer, raw material suppliers, and available regulatory references.

The HPD reflects the formulation at the time of publication and is subject to revision as new information becomes available. This product complies with applicable VOC regulations and is manufactured under quality, environmental, and occupational health and safety management systems certified to ISO 9001, ISO 14001, and ISO 45001 standards.

Users should ensure adequate ventilation during application and follow all safety precautions mentioned in the Safety Data Sheet (SDS). The product should be stored under recommended conditions to maintain performance integrity.

MANUFACTURER INFORMATION

|                                                         |                                               |
|---------------------------------------------------------|-----------------------------------------------|
| MANUFACTURER: <b>National Paints Factories Co. Ltd.</b> | WEBSITE: <b>www.nationalpaints.com</b>        |
| ADDRESS: <b>Industrial Area-13, Maleha Road</b>         | CONTACT NAME: <b>Mehmood Khan</b>             |
| <b>Sharjah</b>                                          | TITLE: <b>MR &amp; Certification Manager</b>  |
| <b>Sharjah, Sharjah 5822</b>                            | PHONE: <b>0556516588</b>                      |
| COUNTRY: <b>United Arab Emirates</b>                    | EMAIL: <b>mehmood.khan@nationalpaints.com</b> |
| LATITUDE: <b>25.2978000</b>                             |                                               |
| LONGITUDE: <b>55.4366000</b>                            |                                               |

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

|                                                                     |                                                                |                                                      |
|---------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------|
| <b>Hazard Types</b>                                                 |                                                                |                                                      |
| <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              |                                                      |
| <b>GreenScreen (GS)</b>                                             |                                                                |                                                      |
| <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)).

|                                                     |
|-----------------------------------------------------|
| <b>Recycled Types</b>                               |
| <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       |

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| <b>Other Terms:</b>                                                                                     |
| <b>GHS SDS</b> Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet |

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>Inventory Methods:</b>                                                                                             |
| <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 for compliance with the HPD standard noted.