

# Marmoleum Decibel

## by Forbo Flooring Systems

SCREENING DATE: 2026-09-04  
PUBLISHED DATE: 2026-09-05  
EXPIRY DATE: 2029-09-04  
PREPARER: Self-Prepared

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

HPD UNIQUE IDENTIFIER: 93950871  
HPD UNIQUE PRODUCT ID: Extensive list provided, see Section 5 General Notes for complete list.  
CLASSIFICATION: 09 65 43 Linoleum Flooring  
PRODUCT TYPE: Linoleum Floor Tile (Resilient)  
PRODUCT DESCRIPTION: Marmoleum Decibel is a homogeneous floor covering made from natural ingredients including linseed oil, rosin binders, wood flour, limestone, and dry pigments which are mixed and calendared onto a natural jute backing with an applied polyolefin comfort layer. Marmoleum features Topshield pro, which is a high performance, double UV cured factory applied finish that makes the product “occupancy ready” after installation. The double UV cured layer technology delivers color clarity and vibrancy, along with extraordinary wear performance by providing a surface that can be repaired after accidents or restored after years of intensive use. The standard thickness is 3.5mm (0.137”). Marmoleum Decibel is packaged on a roll that is 79" (2 meters) wide with a maximum length of 105' (32 meters).

Section 1: Summary

Basic Method / Product Threshold

### CONTENT INVENTORY

|                            |                                 |                                                             |
|----------------------------|---------------------------------|-------------------------------------------------------------|
| Inventory Reporting Format | Residuals/Impurities Evaluation |                                                             |
| → Basic Method             | → Not Completed                 |                                                             |
| Threshold Disclosed Per    | Explanation(s) provided :       | For all contents above the threshold, the manufacturer has: |
| → Product                  | Yes                             | Characterized Yes                                           |
|                            |                                 | Provided weight and role.                                   |
| Threshold Level            |                                 | Screened Yes                                                |
| → 100 ppm                  |                                 | Provided screening results using HPDC-approved methods.     |
|                            |                                 | Identified Yes                                              |
|                            |                                 | 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
MARMOLEUM DECIBEL [ HEMICELLULOSE (WOOD FLOUR) NoGS LINSEED OIL NoGS LIMESTONE (CALCIUM CARBONATE) BM-3dg LIMESTONE (FORBO MARMOLEUM SCRAP) BM-3dg HEMICELLULOSE (JUTE FELT) NoGS ROSIN (GUM ROSIN) LT-P1 | SKI | MAM | AQU | REP | RES PIGMENT YELLOW 180 LT-UNK TITANIUM DIOXIDE BM-1 \* CAN | END | MAM ATTAPULGITE LT-1 | CAN | MAM | EYE POLYETHYLENE LT-UNK 1-BUTENE, POLYMER WITH ETHENE (POLYETHYLENE COPOLYMER) LT-UNK HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED LT-P1 | MUL BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE LT-UNK WHITE MINERAL OIL LT-UNK POLY[OXY(METHYL-1,2-ETHANEDIYL)], .ALPHA.,.ALPHA.,.ALPHA."-1,2,3-PROPANETRIYLTRIS[.OMEGA.-HYDROXY-, MIXED ACRYLATES AND ADIPATES (POLYESTER ACRYLATE) LT-UNK 2-OXEPANONE, POLYMER WITH 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL AND 5-ISOCYANATO-1-(ISOCYANATOMETHYL)-1,3,3-TRIMETHYLCYCLOHEXANE, 2-HYDROXYETHYL ACRYLATE-BLOCKED (URETHANE ACRYLATE) NoGS 1,1'-AZOBIS(FORMAMIDE) (AZODICARBONAMIDE) LT-UNK | PHY | RES DICUMYL PEROXIDE (BIS(α,α-DIMETHYLBENZYL) PEROXIDE) LT-1 | REP | MUL | DEV | SKI | EYE | AQU | MAM ]

Number of Greenscreen BM-4/BM3 contents ... 5  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, LT-1  
Nanomaterial ... Yes  
INVENTORY AND SCREENING NOTES:  
Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.  
Special Conditions applied: [GeologicalMaterial]  
(%) ranges for ingredients are used as a means of keeping the exact formulations proprietary.

\*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.

PFAS DETAILS:  
This product does not contain intentionally added PFAS, but it is unknown if PFAS is contained in materials or substances from suppliers.  
Attestation:

J.S. Miller

2026-09-04

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.  
VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario  
VOC emissions: ClearChem Standard BkA-CC-01.3  
LCA: Environmental Product Declaration (EPD) by UL - Industry Generic

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.  
Pre-checked for LEED v5 Human Health 1.



## Section 2: Content in Descending Order of Quantity

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 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)

### MARMOLEUM DECIBEL

|                                                                                                                                           |                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                                                                | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No |
| RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are expected to be present in the product at or above the reporting threshold. |                                                   |
| OTHER PRODUCT NOTES:                                                                                                                      |                                                   |

HEMICELLULOSE (WOOD FLOUR)

ID: 9034-32-6

|                                                                                                                                                                                            |  |                                                |                                                   |                 |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|---------------------------------------------------|-----------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                           |  |                                                | HAZARD SCREENING DATE: <b>2026-09-04 10:49:07</b> |                 |                               |
| <hr/>                                                                                                                                                                                      |  |                                                |                                                   |                 |                               |
| %: <b>20.2650 - 30.8800</b>                                                                                                                                                                |  | GreenScreen: <b>NoGS</b>                       | RC: <b>PreC</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| <hr/>                                                                                                                                                                                      |  |                                                |                                                   |                 |                               |
| HAZARD TYPE                                                                                                                                                                                |  | LIST NAME AND SOURCE                           |                                                   | WARNINGS        |                               |
| <hr/>                                                                                                                                                                                      |  |                                                |                                                   |                 |                               |
| None found                                                                                                                                                                                 |  | No warnings found on HPD Priority Hazard Lists |                                                   |                 |                               |
| <hr/>                                                                                                                                                                                      |  |                                                |                                                   |                 |                               |
| ADDITIONAL LISTINGS                                                                                                                                                                        |  | LIST NAME AND SOURCE                           |                                                   | NOTIFICATION    |                               |
| <hr/>                                                                                                                                                                                      |  |                                                |                                                   |                 |                               |
| None found                                                                                                                                                                                 |  | No listings found on Additional Hazard Lists   |                                                   |                 |                               |
| <hr/>                                                                                                                                                                                      |  |                                                |                                                   |                 |                               |
| SUBSTANCE NOTES: The wood flour used in the manufacture of Marmoleum is a bio-based post-industrial waste product. Only PEFC certified wood flour is used in the manufacture of Marmoleum. |  |                                                |                                                   |                 |                               |

LIGNIN (WOOD FLOUR)

ID: 9005-53-2

|                                                                                                                                                                                            |                                       |                 |                                                   |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                           |                                       |                 | HAZARD SCREENING DATE: <b>2026-09-04 10:49:08</b> |                               |
| %: <b>20.2650 - 30.8800 ALT</b>                                                                                                                                                            |                                       |                 |                                                   |                               |
| GreenScreen: <b>NoGS</b>                                                                                                                                                                   |                                       | RC: <b>PreC</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                                      |                               |
| RESTRICTED LIST                                                                                                                                                                            | Green Science Policy Institute (GSPI) |                 | GSPI - Six Classes Precautionary List             |                               |
|                                                                                                                                                                                            |                                       |                 | Antimicrobials                                    |                               |
| SUBSTANCE NOTES: The wood flour used in the manufacture of Marmoleum is a bio-based post-industrial waste product. Only PEFC certified wood flour is used in the manufacture of Marmoleum. |                                       |                 |                                                   |                               |
| ALTERNATE: This substance is an alternate substance to Hemicellulose (Wood Flour).                                                                                                         |                                       |                 |                                                   |                               |

LINSEED OIL

ID: 8001-26-1

|                                                           |                                            |
|-----------------------------------------------------------|--------------------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2026-09-04 10:49:08 |
|-----------------------------------------------------------|--------------------------------------------|

|                     |  |                      |  |              |      |                                                |      |       |    |                 |        |
|---------------------|--|----------------------|--|--------------|------|------------------------------------------------|------|-------|----|-----------------|--------|
| %                   |  | 23.1600 - 29.9150    |  | GreenScreen: | NoGS | RC:                                            | None | NANO: | No | SUBSTANCE ROLE: | Binder |
| HAZARD TYPE         |  | LIST NAME AND SOURCE |  |              |      | WARNINGS                                       |      |       |    |                 |        |
| None found          |  |                      |  |              |      | No warnings found on HPD Priority Hazard Lists |      |       |    |                 |        |
| ADDITIONAL LISTINGS |  | LIST NAME AND SOURCE |  |              |      | NOTIFICATION                                   |      |       |    |                 |        |
| None found          |  |                      |  |              |      | No listings found on Additional Hazard Lists   |      |       |    |                 |        |
| SUBSTANCE NOTES:    |  |                      |  |              |      |                                                |      |       |    |                 |        |

LIMESTONE (CALCIUM CARBONATE)

ID: 1317-65-3

|                                                                  |                      |                 |                                                   |                               |
|------------------------------------------------------------------|----------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                      |                 | HAZARD SCREENING DATE: <b>2026-09-04 10:49:09</b> |                               |
| %: <b>18.3350 - 21.2300</b>                                      |                      |                 |                                                   |                               |
| GreenScreen: <b>BM-3dg</b>                                       |                      | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE |                 | WARNINGS                                          |                               |
| None found                                                       |                      |                 | No warnings found on HPD Priority Hazard Lists    |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE |                 | NOTIFICATION                                      |                               |
| None found                                                       |                      |                 | No listings found on Additional Hazard Lists      |                               |
| SUBSTANCE NOTES:                                                 |                      |                 |                                                   |                               |

LIMESTONE (FORBO MARMOLEUM SCRAP)

ID: 1317-65-3

|                                                                                                                                                                                                                                         |                      |                 |                                                   |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                        |                      |                 | HAZARD SCREENING DATE: <b>2026-09-04 10:49:10</b> |                               |
| %: <b>0.0000 - 14.4750</b>                                                                                                                                                                                                              |                      |                 |                                                   |                               |
| GreenScreen: <b>BM-3dg</b>                                                                                                                                                                                                              |                      | RC: <b>PreC</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: Scrap closed-loop recycled Marmoleum is used as an additional filler in the production of new Marmoleum. Sourced internally (pre-consumer) or globally (post-consumer from logistics, installation, and End Of Life*). |                      |                 |                                                   |                               |

PECTIN (JUTE FELT)

ID: 9000-69-5

|                                                                  |                            |                                                |                                                   |                                            |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|--------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2026-09-04 10:49:07</b> |                                            |
| %: <b>7.7200 - 9.6500 ALT</b>                                    | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                       |                                                   |                                            |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists |                                                   |                                            |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                   |                                                   |                                            |

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Hemicellulose (Jute Felt).

LIGNIN (JUTE FELT)

ID: 9005-53-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-04 10:49:08

%: 7.7200 - 9.6500 ALT

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

RESTRICTED LIST

Green Science Policy Institute (GSPI)

GSPI - Six Classes Precautionary List

Antimicrobials

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Hemicellulose (Jute Felt).

HEMICELLULOSE (JUTE FELT)

ID: 9034-32-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-04 10:49:08

%: 7.7200 - 9.6500

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

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:

ROSIN (GUM ROSIN)

ID: 8050-09-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-04 10:49:09

%: 4.8250 - 5.7900

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

SKI

MAK

Sensitizing Substance Sh - Danger of skin sensitization

MAM

GHS - Japan

H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]

SKI

GHS - New Zealand

Skin sensitisation category 1

AQU

GHS - New Zealand

Hazardous to the aquatic environment - chronic 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]       |
| RES                 | GHS - Japan          | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                                                                                               |
| None found          |                      | No listings found on Additional Hazard Lists                                                                               |
| SUBSTANCE NOTES:    |                      |                                                                                                                            |

MAGNESIUM OXIDE

ID: 1309-48-4

|                                                                                             |  |                                                   |                            |                                                                                                         |                 |                                |
|---------------------------------------------------------------------------------------------|--|---------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                            |  | HAZARD SCREENING DATE: <b>2026-09-04 10:49:09</b> |                            |                                                                                                         |                 |                                |
| %                                                                                           |  | 0.0000 - 4.8250 ALT                               | GreenScreen: <b>BM-3dg</b> | RC: <b>None</b>                                                                                         | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                                                 |  | LIST NAME AND SOURCE                              |                            | WARNINGS                                                                                                |                 |                                |
| CAN                                                                                         |  | MAK                                               |                            | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                        |                 |                                |
| MAM                                                                                         |  | GHS - Japan                                       |                            | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |                 |                                |
| ADDITIONAL LISTINGS                                                                         |  | LIST NAME AND SOURCE                              |                            | NOTIFICATION                                                                                            |                 |                                |
| None found                                                                                  |  | No listings found on Additional Hazard Lists      |                            |                                                                                                         |                 |                                |
| SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180. |  |                                                   |                            |                                                                                                         |                 |                                |

C.I. PIGMENT RED 120 (PIGMENT RED 170)

ID: 2786-76-7

|                                                                                             |                      |                                                   |                 |
|---------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------|-----------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                            |                      | HAZARD SCREENING DATE: <b>2026-09-04 10:49:10</b> |                 |
| %                                                                                           |                      | GreenScreen:                                      | SUBSTANCE ROLE: |
| <b>0.0000 - 4.8250 ALT</b>                                                                  | <b>LT-UNK</b>        | RC: <b>None</b>                                   | <b>Pigment</b>  |
| NANO: <b>No</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: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180. |                      |                                                   |                 |

CARBON BLACK (PIGMENT BLACK 7)

ID: 1333-86-4

|                                                                                                                                                                                            |  |                                   |                                                   |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|---------------------------------------------------|---------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                           |  |                                   | HAZARD SCREENING DATE: <b>2026-09-04 10:49:11</b> |                           |
| <div> <div>%: <b>0.0000 - 4.8250 ALT</b></div> <div>GreenScreen: <b>BM-1</b></div> <div>RC: <b>None</b></div> <div>NANO: <b>Yes</b></div> <div>SUBSTANCE ROLE: <b>Pigment</b></div> </div> |  |                                   |                                                   |                           |
| HAZARD TYPE                                                                                                                                                                                |  | LIST NAME AND SOURCE              |                                                   | WARNINGS                  |
| CAN                                                                                                                                                                                        |  | US CDC - Occupational Carcinogens |                                                   | Occupational Carcinogen** |

|                     |                                              |                                                                                                                                                             |
|---------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | MAK                                          | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**                                                              |
| CAN                 | CA EPA - Prop 65                             | Carcinogen - specific to chemical form or exposure route**                                                                                                  |
| CAN                 | IARC                                         | Group 2b - Possibly carcinogenic to humans**                                                                                                                |
| EYE                 | GHS - New Zealand                            | Eye irritation category 2**                                                                                                                                 |
| CAN                 | GHS - New Zealand                            | Carcinogenicity category 2**                                                                                                                                |
| CAN                 | GHS - Japan                                  | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |
| MAM                 | GHS - Japan                                  | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| PHY                 | GHS - Japan                                  | H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]**                                                                  |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION                                                                                                                                                |
| None found          | No listings found on Additional Hazard Lists |                                                                                                                                                             |

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180.  
\*\*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.

FERROSOFERRIC OXIDE (PIGMENT BLACK 11)

ID: 1317-61-9

|                                                                  |                          |                                                                                                |                 |                                |
|------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2026-09-04 10:49:12</b>                                              |                 |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                    | GreenScreen: <b>BM-1</b> | RC: <b>None</b>                                                                                | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     | WARNINGS                                                                                       |                 |                                |
| CAN                                                              | MAK                      | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification** |                 |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     | NOTIFICATION                                                                                   |                 |                                |
| None found                                                       |                          | No listings found on Additional Hazard Lists                                                   |                 |                                |

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180.  
\*\*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.

PIGMENT BLUE 15

ID: 147-14-8

|                                                                  |                                                          |                                                                                    |                 |                                |
|------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                          | HAZARD SCREENING DATE: <b>2026-09-04 10:49:12</b>                                  |                 |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                    | GreenScreen: <b>BM-3</b>                                 | RC: <b>None</b>                                                                    | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</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                                                                       |                 |                                |
| POSITIVE LIST                                                    | US Environmental Protection Agency (US EPA)              | US EPA - DfE Safer Chemical Ingredients list (SCIL)                                |                 |                                |
|                                                                  |                                                          | Colorants - Green Circle (Verified Low Concern)                                    |                 |                                |
| 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                                                 |
| RESTRICTED LIST                                                                             | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |
|                                                                                             |                                                          | Cosmetics & Personal Care Products                                                   |
| SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180. |                                                          |                                                                                      |

PIGMENT BLUE 15 (PIGMENT BLUE 15.1)

ID: 147-14-8

|                                                                                             |                                                         |                          |                 |                                                                                      |                                |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|-----------------|--------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                            |                                                         |                          |                 | HAZARD SCREENING DATE: <b>2026-09-04 10:49:14</b>                                    |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                                               |                                                         | GreenScreen: <b>BM-3</b> | RC: <b>None</b> | NANO: <b>No</b>                                                                      | SUBSTANCE ROLE: <b>Pigment</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                                                                         |                                |
| POSITIVE LIST                                                                               | US Environmental Protection Agency (US EPA)             |                          |                 | US EPA - DfE Safer Chemical Ingredients list (SCIL)                                  |                                |
|                                                                                             |                                                         |                          |                 | Colorants - Green Circle (Verified Low Concern)                                      |                                |
| RESTRICTED LIST                                                                             | Cradle to Cradle Products Innovation Institute (C2CPll) |                          |                 | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025   |                                |
|                                                                                             |                                                         |                          |                 | Cosmetics and Personal Care Products                                                 |                                |
| RESTRICTED LIST                                                                             | Cradle to Cradle Products Innovation Institute (C2CPll) |                          |                 | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |                                |
|                                                                                             |                                                         |                          |                 | Cosmetics & Personal Care Products                                                   |                                |
| SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180. |                                                         |                          |                 |                                                                                      |                                |

FERRIC OXIDE (PIGMENT RED 101)

ID: 1309-37-1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                              |                                                   |                                                                                                                                                             |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                              | HAZARD SCREENING DATE: <b>2026-09-04 10:49:10</b> |                                                                                                                                                             |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | GreenScreen: <b>BM-1</b>                     | RC: <b>None</b>                                   | NANO: <b>No</b>                                                                                                                                             | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | LIST NAME AND SOURCE                         |                                                   | WARNINGS                                                                                                                                                    |                                |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | MAK                                          |                                                   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**                                                              |                                |
| MAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | GHS - Japan                                  |                                                   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |                                |
| MAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | GHS - Japan                                  |                                                   | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]**                                          |                                |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | LIST NAME AND SOURCE                         |                                                   | NOTIFICATION                                                                                                                                                |                                |
| None found                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | No listings found on Additional Hazard Lists |                                                   |                                                                                                                                                             |                                |
| SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180.                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                              |                                                   |                                                                                                                                                             |                                |
| **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: <b>Pharos Chemical and Materials Library</b>                                   |  |                                                | HAZARD SCREENING DATE: <b>2026-09-04 10:49:11</b> |                 |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                                                      |  | GreenScreen: <b>LT-UNK</b>                     | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</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: <b>ALTERNATE:</b> This substance is an alternate substance to Pigment Yellow 180. |  |                                                |                                                   |                 |                                |

|                                                                                             |  |                                                |                                                   |                 |                                |
|---------------------------------------------------------------------------------------------|--|------------------------------------------------|---------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                            |  |                                                | HAZARD SCREENING DATE: <b>2026-09-04 10:49:12</b> |                 |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                                               |  | GreenScreen: <b>LT-UNK</b>                     | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</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: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180. |  |                                                |                                                   |                 |                                |

|                                                                                             |  |                                             |                                                   |                                              |                                |
|---------------------------------------------------------------------------------------------|--|---------------------------------------------|---------------------------------------------------|----------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                            |  |                                             | HAZARD SCREENING DATE: <b>2026-09-04 10:49:13</b> |                                              |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                                               |  | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b>                                   | NANO: <b>No</b>                              | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                                                 |  | LIST NAME AND SOURCE                        |                                                   | WARNINGS                                     |                                |
| MUL                                                                                         |  | German FEA - Substances Hazardous to Waters |                                                   | Class 3 - Severe Hazard to Waters            |                                |
| ADDITIONAL LISTINGS                                                                         |  | LIST NAME AND SOURCE                        |                                                   | NOTIFICATION                                 |                                |
| None found                                                                                  |  |                                             |                                                   | No listings found on Additional Hazard Lists |                                |
| SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180. |  |                                             |                                                   |                                              |                                |

|                                                           |                     |          |                                            |                         |
|-----------------------------------------------------------|---------------------|----------|--------------------------------------------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                     |          | HAZARD SCREENING DATE: 2026-09-04 10:49:14 |                         |
| %: 0.0000 - 4.8250 ALT                                    | GreenScreen: LT-UNK | RC: None | NANO: No                                   | SUBSTANCE ROLE: Pigment |



| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |
|---------------------|----------------------|------------------------------------------------|
| None found          |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found          |                      | No listings found on Additional Hazard Lists   |

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180.

**\*\*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.

C.I. PIGMENT YELLOW 83

ID: 5567-15-7

|                                                                                             |                           |                                                                                  |                 |                                |
|---------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                            |                           | HAZARD SCREENING DATE: <b>2026-09-04 10:49:10</b>                                |                 |                                |
| %: <b>0.0000 - 4.8250 ALT</b>                                                               | GreenScreen: <b>LT-P1</b> | RC: <b>None</b>                                                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                                                 | LIST NAME AND SOURCE      | WARNINGS                                                                         |                 |                                |
| CAN                                                                                         | MAK                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |                 |                                |
| EYE                                                                                         | GHS - New Zealand         | Eye irritation category 2                                                        |                 |                                |
| AQU                                                                                         | GHS - New Zealand         | Hazardous to the aquatic environment - chronic category 3                        |                 |                                |
| ADDITIONAL LISTINGS                                                                         | LIST NAME AND SOURCE      | NOTIFICATION                                                                     |                 |                                |
| None found                                                                                  |                           | No listings found on Additional Hazard Lists                                     |                 |                                |
| SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Pigment Yellow 180. |                           |                                                                                  |                 |                                |

PIGMENT YELLOW 180

ID: 77804-81-0

|                                                                  |                            |                                                   |                 |                                |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2026-09-04 10:49:12</b> |                 |                                |
| %: <b>0.0000 - 4.8250</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</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:                                                 |                            |                                                   |                 |                                |

TITANIUM DIOXIDE

ID: 13463-67-7

|                                                           |                                   |                                            |           |                         |
|-----------------------------------------------------------|-----------------------------------|--------------------------------------------|-----------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                   | HAZARD SCREENING DATE: 2026-09-04 10:49:12 |           |                         |
| %: 0.0000 - 4.8250                                        | GreenScreen: BM-1                 | RC: None                                   | NANO: Yes | 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 Chemical Ingredients list (SCIL)<br><br>Colorants - Green Circle (Verified Low Concern)                                                  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPll) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products                              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPll) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Cosmetics & 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.

ATTAPULGITE

ID: 12174-11-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-04 10:49:14

|                     |                      |                                                                                                                                                           |          |                                              |
|---------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------|
| %: 0.0000 - 2.8950  | GreenScreen: LT-1    | RC: None                                                                                                                                                  | NANO: No | SUBSTANCE ROLE: Filler                       |
| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                  |          |                                              |
| CAN                 | CA EPA - Prop 65     | Carcinogen - specific to chemical form or exposure route                                                                                                  |          |                                              |
| CAN                 | IARC                 | Group 2b - Possibly carcinogenic to humans                                                                                                                |          |                                              |
| CAN                 | MAK                  | Carcinogen Group 2 - Considered to be carcinogenic for man                                                                                                |          |                                              |
| CAN                 | GHS - New Zealand    | Carcinogenicity category 2                                                                                                                                |          |                                              |
| CAN                 | GHS - Japan          | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |          |                                              |
| MAM                 | GHS - Japan          | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |          |                                              |
| EYE                 | GHS - Japan          | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                                  |          |                                              |
| CAN                 | GHS - Australia      | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |          |                                              |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                                                                                                                              |          |                                              |
| None found          |                      |                                                                                                                                                           |          | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

POLYETHYLENE

ID: 9002-88-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-04 10:49:14

%: 0.0000 - 2.4975 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Structure component

| 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:

1-BUTENE, POLYMER WITH ETHENE (POLYETHYLENE COPOLYMER)

ID: 25087-34-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-04 10:49:13

%: 0.0000 - 2.4975 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                                       |
|-------------|----------------------|------------------------------------------------|
| None found  |                      | No warnings found on HPD Priority Hazard Lists |

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

SUBSTANCE NOTES:

HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED

ID: 69430-35-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-04 10:49:14

%: 0.4600 - 0.6000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Tackifier

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                   |
|-------------|---------------------------------------------|----------------------------|
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

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

SUBSTANCE NOTES:

BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE

ID: 25038-32-8

|                           |                            |                 |                 |                                                |
|---------------------------|----------------------------|-----------------|-----------------|------------------------------------------------|
| %: <b>0.2500 - 0.4000</b> | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Impact modifier</b>         |
| HAZARD TYPE               | LIST NAME AND SOURCE       | WARNINGS        |                 |                                                |
| None found                |                            |                 |                 | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS       | LIST NAME AND SOURCE       | NOTIFICATION    |                 |                                                |
| None found                |                            |                 |                 | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:          |                            |                 |                 |                                                |

STYRENE BUTADIENE RUBBER (BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE)

ID: **9003-55-8**

|                                                                                                                                 |                            |                 |                 |                                                   |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|-----------------|---------------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                |                            |                 |                 | HAZARD SCREENING DATE: <b>2026-09-04 10:49:15</b> |
| %: <b>0.2500 - 0.4000 ALT</b>                                                                                                   | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Impact modifier</b>            |
| HAZARD TYPE                                                                                                                     | LIST NAME AND SOURCE       | WARNINGS        |                 |                                                   |
| None found                                                                                                                      |                            |                 |                 | No warnings found on HPD Priority Hazard Lists    |
| ADDITIONAL LISTINGS                                                                                                             | LIST NAME AND SOURCE       | NOTIFICATION    |                 |                                                   |
| None found                                                                                                                      |                            |                 |                 | No listings found on Additional Hazard Lists      |
| SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene. |                            |                 |                 |                                                   |

WHITE MINERAL OIL

ID: **8042-47-5**

|                                                                  |                            |                 |                 |                                                   |
|------------------------------------------------------------------|----------------------------|-----------------|-----------------|---------------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 |                 | HAZARD SCREENING DATE: <b>2026-09-04 10:49:16</b> |
| %: <b>0.1000 - 0.2000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Plasticizer</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:                                                 |                            |                 |                 |                                                   |

POLY[OXY(METHYL-1,2-ETHANEDIYL)], .ALPHA.,.ALPHA.',.ALPHA."-1,2,3-PROPANETRIYLTRIS[.OMEGA.-HYDROXY-, MIXED ACRYLATES AND ADIPATES (POLYESTER ACRYLATE)

ID: **73378-73-1**

|                                                                  |                            |                 |                 |                                                   |
|------------------------------------------------------------------|----------------------------|-----------------|-----------------|---------------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 |                 | HAZARD SCREENING DATE: <b>2026-09-04 10:49:14</b> |
| %: <b>0.0000 - 0.0097</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Coating</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:    |                      |                                              |

2-OXEAPANONE, POLYMER WITH 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL AND 5-ISOCYANATO-1-(ISOCYANATOMETHYL)-1,3,3-TRIMETHYLCYCLOHEXANE, 2-HYDROXYETHYL ACRYLATE-BLOCKED (URETHANE ACRYLATE)

ID: 68987-79-1

|                                                                  |                          |                                                   |                 |                                |
|------------------------------------------------------------------|--------------------------|---------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2026-09-04 10:49:15</b> |                 |                                |
| %: <b>0.0000 - 0.0097</b>                                        | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Coating</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:                                                 |                          |                                                   |                 |                                |

1,1'-AZOBIS(FORMAMIDE) (AZODICARBONAMIDE)

ID: 123-77-3

|                                                                  |                                                         |                                                                                      |                                                                           |                                      |
|------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                         | HAZARD SCREENING DATE: <b>2026-09-04 10:49:16</b>                                    |                                                                           |                                      |
| %: <b>0.0000 - 0.0025</b>                                        | GreenScreen: <b>LT-UNK</b>                              | RC: <b>None</b>                                                                      | NANO: <b>No</b>                                                           | SUBSTANCE ROLE: <b>Blowing agent</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                                    |                                                                                      | WARNINGS                                                                  |                                      |
| PHY                                                              | GHS - New Zealand                                       |                                                                                      | Flammable solids category 1                                               |                                      |
| PHY                                                              | GHS - Japan                                             |                                                                                      | H225 - Highly flammable liquid and vapour [Flammable solids - Category 1] |                                      |
| RES                                                              | EU - SVHC List                                          |                                                                                      | Equivalent Concern - Candidate List: Respiratory sensitizing              |                                      |
| RES                                                              | EU - SVHC List                                          |                                                                                      | Equivalent Concern - Prioritization List: Respiratory sensitizing         |                                      |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                                    |                                                                                      | NOTIFICATION                                                              |                                      |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List                                                |                                                                           |                                      |
|                                                                  |                                                         | Flame Retardants                                                                     |                                                                           |                                      |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPll) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |                                                                           |                                      |
|                                                                  |                                                         | Restrictions Based on Hazard Endpoints and Risk (Silver)                             |                                                                           |                                      |
| SUBSTANCE NOTES:                                                 |                                                         |                                                                                      |                                                                           |                                      |

DICUMYL PEROXIDE (BIS(α,α-DIMETHYLBENZYL) PEROXIDE)

ID: 80-43-3

%: **0.0000 - 0.0025**

GreenScreen: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Curing agent**

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| REP                 | EU - Annex VI CMRs                                      | Reproductive Toxicity - Category 1B                                                                                                                       |
| MUL                 | ChemSec - SIN List                                      | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                                                                      |
| MUL                 | German FEA - Substances Hazardous to Waters             | Class 3 - Severe Hazard to Waters                                                                                                                         |
| REP                 | GHS - Japan                                             | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                                                     |
| DEV                 | GHS - Australia                                         | H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]                                                                           |
| 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]                                      |
| DEV                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]                                                                           |
| 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] |
| SKI                 | GHS - New Zealand                                       | Skin sensitisation category 1                                                                                                                             |
| AQU                 | GHS - New Zealand                                       | Hazardous to the aquatic environment - chronic category 2                                                                                                 |
| REP                 | GHS - New Zealand                                       | Reproductive toxicity category 2                                                                                                                          |
| AQU                 | GHS - Japan                                             | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| AQU                 | GHS - Japan                                             | 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]                                      |
| REP                 | EU - SVHC List                                          | Toxic to reproduction - Candidate list                                                                                                                    |
| REP                 | EU - REACH Annex XVII CMRs                              | Reproductive toxicants: Category 1B                                                                                                                       |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Flame Retardants                                                                                             |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products                                                    |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products                            |

|                  |                                                         |                                                                                      |
|------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------|
| RESTRICTED LIST  | Cradle to Cradle Products Innovation Institute (C2CPll) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |
|                  |                                                         | Core List - Mixtures Only                                                            |
| RESTRICTED LIST  | Cradle to Cradle Products Innovation Institute (C2CPll) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |
|                  |                                                         | Restrictions Based on Hazard Endpoints and Risk (Silver)                             |
| SUBSTANCE NOTES: |                                                         |                                                                                      |



## Section 3: Compliance

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

| VOC EMISSIONS                                                                                                                                                                       | CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|
| COMPLIANCE TYPE: Third-party certification                                                                                                                                          | ISSUE DATE: 2026-05-11                                                       | EXPIRY DATE: 2029-05-11 |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Berkeley Analytical                                                                                                                         |                                                                              |                         |
| COMPLIANCE DETAILS:                                                                                                                                                                 |                                                                              |                         |
| COMPLIANCE SCOPE:                                                                                                                                                                   |                                                                              |                         |
| APPLICABLE FACILITIES: Classroom & Office                                                                                                                                           |                                                                              |                         |
| COMPLIANCE URL:                                                                                                                                                                     |                                                                              |                         |
| <a href="https://clearchem.berkeleyanalytical.com/clearchem-declared/forbo-flooring-systems">https://clearchem.berkeleyanalytical.com/clearchem-declared/forbo-flooring-systems</a> |                                                                              |                         |
| COMPLIANCE NOTES:                                                                                                                                                                   |                                                                              |                         |
|                                                                                                                                                                                     |                                                                              |                         |
| VOC EMISSIONS                                                                                                                                                                       | ClearChem Standard BkA-CC-01.3                                               |                         |
| COMPLIANCE TYPE: Self-declaration                                                                                                                                                   | ISSUE DATE: 2026-04-17                                                       | EXPIRY DATE: 2029-04-17 |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Berkeley Analytical                                                                                                                         |                                                                              |                         |
| COMPLIANCE DETAILS:                                                                                                                                                                 |                                                                              |                         |
| COMPLIANCE SCOPE: Product                                                                                                                                                           |                                                                              |                         |
| APPLICABLE FACILITIES: Classroom & Office                                                                                                                                           |                                                                              |                         |
| COMPLIANCE URL:                                                                                                                                                                     |                                                                              |                         |
| <a href="https://clearchem.berkeleyanalytical.com/clearchem-declared/forbo-flooring-systems">https://clearchem.berkeleyanalytical.com/clearchem-declared/forbo-flooring-systems</a> |                                                                              |                         |
| COMPLIANCE NOTES:                                                                                                                                                                   |                                                                              |                         |
|                                                                                                                                                                                     |                                                                              |                         |
| LCA                                                                                                                                                                                 | Environmental Product Declaration (EPD) by UL - Industry Generic             |                         |
| COMPLIANCE TYPE: Third Party                                                                                                                                                        | ISSUE DATE: 2026-07-23                                                       | EXPIRY DATE: 2031-07-23 |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Environment                                                                                                                              |                                                                              |                         |
| COMPLIANCE DETAILS:                                                                                                                                                                 |                                                                              |                         |
| COMPLIANCE SCOPE:                                                                                                                                                                   |                                                                              |                         |
| APPLICABLE FACILITIES: All                                                                                                                                                          |                                                                              |                         |
| COMPLIANCE URL: <a href="https://www.forbo.com/flooring/en-us/environment/pmwz1i">https://www.forbo.com/flooring/en-us/environment/pmwz1i</a>                                       |                                                                              |                         |
| COMPLIANCE NOTES:                                                                                                                                                                   |                                                                              |                         |



## 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.

| FORBO SUSTAIN 1195 ADHESIVE                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MANUFACTURER (OR GENERIC): Forbo Flooring Systems                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                    |
| HPD URL: No HPD Available                                                                                                                                                                                                                                          |
| ACCESSORY TYPE: Adhesive                                                                                                                                                                                                                                           |
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Forbo Sustain 1195 is the standard recommended adhesive for Marmoleum Decibel installations. Refer to Forbo's Sustain 1195 Technical Data Sheet for full installation recommendations and requirements. |
|                                                                                                                                                                                                                                                                    |
| FORBO 660 ADHESIVE                                                                                                                                                                                                                                                 |
| MANUFACTURER (OR GENERIC): Forbo Flooring Systems                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                    |
| HPD URL: No HPD Available                                                                                                                                                                                                                                          |
| ACCESSORY TYPE: Adhesive                                                                                                                                                                                                                                           |
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Forbo 660 can be used as an alternate adhesive for Forbo Marmoleum Decibel installations. Refer to Forbo's 660 Technical Data Sheet for full installation recommendations and requirements.             |



FORBO MARMOWELD ETU

MANUFACTURER (OR GENERIC): Forbo Flooring Systems

HPD URL: No HPD Available

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Marmoweld ETU is the preferred method of welding seams where seamless or monolithic flooring is required. Marmoweld ETU is a color matching paste weld which can also be used to make minor repairs in Forbo Marmoleum products. Refer to Forbo's Marmoweld ETU Technical Data Sheet for full installation recommendations and requirements.

FORBO MARMOLEUM SECOND LIFE

MANUFACTURER (OR GENERIC): Forbo Flooring Systems

HPD URL: No HPD Available

ACCESSORY TYPE: Cleaning Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Forbo Marmoleum Second Life is a unique two-part, field- applied coating that can restore the surface of old, worn or improperly maintained Forbo Marmoleum. Refer to Forbo's Marmoleum Second Life Application Guidelines for full installation recommendations and requirements.

FORBO ADHESIVE REMOVER

MANUFACTURER (OR GENERIC): Forbo Flooring Systems

HPD URL: No HPD Available

ACCESSORY TYPE: Cleaning Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Forbo Adhesive Remover is a recommended cleaning product for use with Forbo Marmoleum Decibel.

FORBO NEUTRAL PH CLEANER

MANUFACTURER (OR GENERIC): Forbo Flooring Systems

HPD URL: No HPD Available

ACCESSORY TYPE: Cleaning Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Forbo Neutral pH Cleaner is a recommended cleaning product for use with Forbo Marmoleum Decibel.

FORBO HEAVY DUTY CLEANER

MANUFACTURER (OR GENERIC): Forbo Flooring Systems

HPD URL: No HPD Available

ACCESSORY TYPE: Cleaning Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Forbo Heavy Duty Cleaner is a recommended cleaning product for use with Forbo Marmoleum Decibel.

Section 5: General Notes

Forbo Marmoleum Decibel is a homogeneous floor covering made from natural ingredients, including flax seed oil, rosin binders, wood flour, limestone, and dry pigments, which are mixed and then calendared onto a natural jute backing with an applied polyolefin comfort layer. Marmoleum Decibel demonstrates excellent performance in acoustic noise reduction (18dB). Marmoleum Decibel is Declare Red List Free and is free of PVC. Only PEFC certified wood flour is used in the manufacture of Marmoleum. Every square meter of Marmoleum Decibel is carbon neutral, cradle to gate, without offsetting, and is manufactured with 100% renewable energy. Marmoleum’s 30+ year system service life makes it a more sustainable alternative to shorter-lived products.

HPD UNIQUE PRODUCT ID: US-74-100282, US-74-11169, US-74-11170, US-74-11172, US-74-11173, US-74-11177, US-74-124629, US-74-127709, US-74-129113, US-74-129843, US-74-138818, US-74-140469, US-74-144689, US-74-144690, US-74-144691, US-74-144693, US-74-144694, US-74-144754, US-74-144755, US-74-144756, US-74-144757, US-74-150208, US-74-161587, US-74-169473, US-74-172026, US-74-175275, US-74-176813, US-74-178565, US-74-179034, US-74-179871, US-74-182587, US-74-184043, US-74-185494, US-74-188544, US-74-188545, US-74-193720, US-74-193876, US-74-193877, US-74-193878, US-74-194107, US-74-194510, US-74-196479, US-74-200009, US-74-200391, US-74-200401, US-74-200480, US-74-200776, US-74-200777, US-74-200778, US-74-200779, US-74-206974, US-74-216886, US-74-216887, US-74-216893, US-74-216895, US-74-216912, US-74-216914, US-74-216915, US-74-216916, US-74-216926, US-74-216927, US-74-216935, US-74-216945, US-74-216949, US-74-216955, US-74-216958, US-74-216960, US-74-216967, US-74-216970, US-74-216983, US-74-216987, US-74-216992, US-74-217009, US-74-217149, US-74-217293, US-74-217302, US-74-217322, US-74-217335, US-74-217356, US-74-217362, US-74-217367, US-74-217369, US-74-217371, US-74-217375, US-74-217386, US-74-217429, US-74-217430, US-74-217441, US-74-217445, US-74-217452, US-74-217454, US-74-217455, US-74-218378, US-74-227741, US-74-234983, US-74-239567, US-74-239568, US-74-241423, US-74-241424, US-74-241425, US-74-250814, US-74-250818, US-74-250819, US-74-45169,

US-74-50355, US-74-50356, US-74-50357, US-74-50358, US-74-50359, US-74-50360, US-74-50361, US-74-50363, US-74-50364, US-74-50371, US-74-50373, US-74-50374, US-74-50375, US-74-50376, US-74-50378, US-74-50379, US-74-67361, US-74-81243, US-74-85353, US-74-85354, US-74-85356, US-74-85357, US-74-85359, US-74-85361, US-74-85362, US-74-85363, US-74-85364, US-74-85365, US-74-85366, US-74-85367, US-74-85368, US-74-85370, US-74-129844, US-74-129845, US-74-129846, US-74-151102, US-74-154334, US-74-216892, US-74-216920, US-74-216925, US-74-216941, US-74-217007, US-74-217008, US-74-234982, US-74-252825, US-74-252932, US-74-151674, US-74-169889, US-74-185369, US-74-198243, US-74-198999, US-74-200457, US-74-203388, US-74-216889, US-74-216899, US-74-216933, US-74-216934, US-74-216944, US-74-216950, US-74-216959, US-74-216981, US-74-216997, US-74-217303, US-74-217326, US-74-217327, US-74-217340, US-74-217384, US-74-217428, US-74-217434, US-74-217446, US-74-217672, US-74-234976, US-74-234979, US-74-250539, US-74-251230, US-74-252824, US-74-252831, US-74-252832



## MANUFACTURER INFORMATION

MANUFACTURER: **Forbo Flooring Systems**  
 ADDRESS: **18 Maplewood Dr.**  
**Hazleton, PA 18202**  
 COUNTRY: **United States**

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 CONTACT NAME: **Jeff Miller**  
 TITLE: **Sustainability & Documentation Administrator**  
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*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

## KEY

### Hazard Types

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

### GreenScreen (GS)

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

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

### Recycled Types

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

### Other Terms:

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

### Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material  
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product  
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology

**Third Party Verified** Verification by independent certifier approved by HPDC

**Preparer** Third party preparer, if not self-prepared by manufacturer

**Applicable facilities** Manufacturing sites to which testing applies

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

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

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

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

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