

Vinyl Sheet Flooring  
by Hyundai L&C Corporation

SCREENING DATE: 2026-08-31  
PUBLISHED DATE: 2026-10-07  
EXPIRY DATE: 2029-08-31  
PREPARER: Self-Prepared  
VERIFIER: SCS Global Services  
VERIFICATION #: qGE-18162

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



HPD UNIQUE IDENTIFIER: 88222337  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 09 65 16.23 Vinyl Sheet Flooring  
PRODUCT DESCRIPTION: The Hyundai Heterosheet 1.5mm - 3.0mm Vinyl Sheet is a multi-purpose heterogeneous vinyl sheet with a wide range of applications (office, school, laboratory, etc.). The Vinyl Sheet ranges in total thickness from 1.5-3.0mm and is composed of six layers: coating layer, wear layer, print layer, glass fiber layer, compact layer, non-woven fabric (optional). The polyurethane resin and non-woven fabric (Optional) were not assessed in the HPD.

Section 1: SummaryBasic Method / Product Threshold

CONTENT INVENTORY

|                            |                                 |                                                             |
|----------------------------|---------------------------------|-------------------------------------------------------------|
| Inventory Reporting Format | Residuals/Impurities Evaluation | For all contents above the threshold, the manufacturer has: |
| → Basic Method             | → Completed                     |                                                             |
| Threshold Disclosed Per    | Explanation(s) provided :       | Characterized                                               |
| → Product                  | Yes                             | Provided weight and role.                                   |
| Threshold Level            |                                 | Screened                                                    |
| → 100 ppm                  |                                 | Provided screening results using HPDC-approved methods.     |
|                            |                                 | Identified                                                  |
|                            |                                 | 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  
VINYL SHEET FLOORING [ POLYVINYL CHLORIDE LT-P1 CAN | MAM LIMESTONE BM-3dg  
UNDISCLOSED BM-3dgUNDISCLOSED NoGSUNDISCLOSED LT-UNKCONTINUOUS  
FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNKETHYLENE GLYCOL MONO-N-BUTYL  
ETHER BM-2END | SKI | EYE | MAM | REP C13-14 ISOPARAFFIN BM-2CAN | AQU | MAM  
POLYETHYLENE GLYCOL NONYLPHENYL ETHER BM-1tpEND | AQU | MUL | EYE | REP |  
SKI FATTY ACIDS, C8-18 AND C18-UNSATD., BARIUM SALTS LT-UNKPULP, CELLULOSE  
NoGSPOLYVINYL ALCOHOL LT-UNKDISTILLATES (PETROLEUM), HYDROTREATED LIGHT  
PARAFFINIC LT-1CAN | MUL | SKI | DEV PHOSPHOROUS ACID, TRIISODECYL ESTER (9CI)  
LT-P1MUL FATTY ACIDS, C8-18 AND C18-UNSATD., ZINC SALTS NoGSTITANIUM DIOXIDE  
BM-1CAN | END | MAM 2-HYDROXYETHYL ACRYLATE LT-P1SKI | MUL | AQU | MAM | EYE  
1,4-BENZENEDICARBOXYLIC ACID, MIXED BU AND 2-ETHYLHEXYL DIESTERS NoGS  
HYDROXYPROPYL ACRYLATE LT-P1SKI | MUL | MAM | EYE | AQU POLY(OXY-1,4-  
BUTANEDIYL), ALPHA-HYDRO-OMEGA-HYDROXY-, POLYMER WITH 1,3-  
DIISOCYANATOMETHYLBENZENE, 2-HYDROXYETHYL ACRYLATE-BLOCKED NoGS  
TRIETHYLENE GLYCOL MONOBUTYL ETHER LT-UNKEYE 2-PROPENOIC ACID, 2-  
METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE, 2-ETHYLHEXYL 2-  
PROPENOATE AND 2-PROPENOIC ACID LT-UNKETHYLENE GLYCOL LT-1END | DEV |  
MAM | EYE | SKI HYDROXYCYCLOHEXYL PHENYL KETONE LT-UNKEYE POLY(OXY-1,2-  
ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-  
UNKBENZOPHENONE LT-1END | CAN | MUL | AQU DIPROPYLENE GLYCOL DIACRYLATE  
LT-UNKSKI | EYE TRIMETHYLOLPROPANE TRIACRYLATE LT-1SKI | MUL | CAN | REP |  
EYE | AQU SILICON DIOXIDE BM-1CAN | MAM IRGANOX 1010 LT-UNKPOLYESTER FROM  
GLYCEROL, ETHYLENE GLYCOL, NEOPENTYL GLYCOL, TEREPHTHALIC ACID AND  
TEREPHTHALIC ANHYDRIDE NoGSQUARTZ BM-1CAN | MAM | GEN ]

Number of Greenscreen BM-4/BM3 contents ... 2  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-1, LT-P1, BM-1  
Nanomaterial ... No  
INVENTORY AND SCREENING NOTES:  
Special Conditions applied: [Polymers]  
  
Hyundai worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.  
VOC emissions: RFCl FloorScore  
LCA: Environmental Product Declaration (EPD) by SCS

CONSISTENCY WITH OTHER PROGRAMS

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

VINYL SHEET FLOORING

|                                                                                                                                                                                                                                                                                                                      |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                                                                                                                                                           | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |
| RESIDUALS AND IMPURITIES NOTES: Hyundai L&C worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold. |                                                    |
| OTHER PRODUCT NOTES: Models covered under this HPD are Hyundai Heterogeneous Sheet 1.5mm-3.0mm.                                                                                                                                                                                                                      |                                                    |

POLYVINYL CHLORIDE

ID: 9002-86-2

|                                                           |                                            |
|-----------------------------------------------------------|--------------------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2026-09-01 18:36:06 |
|-----------------------------------------------------------|--------------------------------------------|

|                      |                    |          |          |                                   |
|----------------------|--------------------|----------|----------|-----------------------------------|
| %: 45.0000 - 45.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | POLYMER ROLE: Structure component |
|----------------------|--------------------|----------|----------|-----------------------------------|

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                                                   |
|---------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | MAK                                                     | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                                           |
| MAM                 | GHS - Japan                                             | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]                  |
| MAM                 | GHS - Japan                                             | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                                    |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                                               |
| RESTRICTED LIST     | Perkins+Will (P+W)                                      | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance                                                                                 |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Flame Retardants                                                                                                              |
| RESTRICTED LIST     | International Living Future Institute (ILFI)            | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPii) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern |

|                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| POLYMER TYPE: Thermoplastic                                                                                                                            |
| AVERAGE MOLECULAR WEIGHT : >10,000 Da                                                                                                                  |
| PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown                                                                                  |
| ADDITIONAL SUBSTANCES CONSIDERED: Yes                                                                                                                  |
| POLYMER NOTES: This polymer has been reported in accordance to <a href="#">HPDC Special Conditions Policy</a> for polymers with disclosed CAS numbers. |
| ADDITIONAL NOTES:                                                                                                                                      |

LIMESTONE

ID: 1317-65-3

|                                                           |                                            |
|-----------------------------------------------------------|--------------------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2026-08-31 17:31:00 |
|-----------------------------------------------------------|--------------------------------------------|

|                                                                                                                       |  |                      |  |              |        |                                                |      |       |    |                 |        |
|-----------------------------------------------------------------------------------------------------------------------|--|----------------------|--|--------------|--------|------------------------------------------------|------|-------|----|-----------------|--------|
| %                                                                                                                     |  | 24.7000 - 26.0000    |  | GreenScreen: | BM-3dg | RC:                                            | None | NANO: | No | SUBSTANCE ROLE: | Filler |
| HAZARD TYPE                                                                                                           |  | LIST NAME AND SOURCE |  |              |        | WARNINGS                                       |      |       |    |                 |        |
| None found                                                                                                            |  |                      |  |              |        | No warnings found on HPD Priority Hazard Lists |      |       |    |                 |        |
| ADDITIONAL LISTINGS                                                                                                   |  | LIST NAME AND SOURCE |  |              |        | NOTIFICATION                                   |      |       |    |                 |        |
| None found                                                                                                            |  |                      |  |              |        | No listings found on Additional Hazard Lists   |      |       |    |                 |        |
| SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-3dg was provided through the HPD 2.3 Builder Tool. |  |                      |  |              |        |                                                |      |       |    |                 |        |

UNDISCLOSED

ID: **Undisclosed**

|                                                                                                                                                                                                                                                           |                                       |                            |                 |                                                   |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                          |                                       |                            |                 | HAZARD SCREENING DATE: <b>2026-08-31 17:31:01</b> |                               |
| %: <b>6.6000 - 15.4000</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                                      |                               |
| RESTRICTED LIST                                                                                                                                                                                                                                           | Green Science Policy Institute (GSPI) |                            |                 | GSPI - Six Classes Precautionary List             |                               |
|                                                                                                                                                                                                                                                           |                                       |                            |                 | Bisphenols and Phthalates                         |                               |
| SUBSTANCE NOTES: Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. The GreenScreen® Benchmark assessment score of BM-3dg was provided through the HPD 3.0 Builder Tool. |                                       |                            |                 |                                                   |                               |

UNDISCLOSED

ID: **Undisclosed**

|                                                                                                                                                      |                      |                          |                 |                                                   |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                     |                      |                          |                 | HAZARD SCREENING DATE: <b>2026-08-31 17:31:02</b> |                               |
| %: <b>3.3000 - 12.1000</b>                                                                                                                           |                      | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                                                                                                          | LIST NAME AND SOURCE |                          |                 | WARNINGS                                          |                               |
| None found                                                                                                                                           |                      |                          |                 | No warnings found on HPD Priority Hazard Lists    |                               |
| ADDITIONAL LISTINGS                                                                                                                                  | LIST NAME AND SOURCE |                          |                 | NOTIFICATION                                      |                               |
| None found                                                                                                                                           |                      |                          |                 | No listings found on Additional Hazard Lists      |                               |
| SUBSTANCE NOTES: Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. |                      |                          |                 |                                                   |                               |

UNDISCLOSED

ID: **Undisclosed**

|                                                                  |                      |                            |                 |                                                   |                               |
|------------------------------------------------------------------|----------------------|----------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                      |                            |                 | HAZARD SCREENING DATE: <b>2026-08-31 17:31:02</b> |                               |
| %: <b>1.1000 - 5.5000</b>                                        |                      | GreenScreen: <b>LT-UNK</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: Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. |                      |                                                |  |

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

|                                                                  |                                                         |                                                                                                                                |                 |                                        |
|------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                         | HAZARD SCREENING DATE: <b>2026-08-31 17:31:01</b>                                                                              |                 |                                        |
| %: <b>1.4000 - 1.5000</b>                                        | GreenScreen: <b>LT-UNK</b>                              | RC: <b>None</b>                                                                                                                | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Glass 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                                                                                                                   |                 |                                        |
| EXEMPT                                                           | European Union / European Commission (EU EC)            | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety                                       |                 |                                        |
| 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 v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Cosmetics & Personal Care Products |                 |                                        |
| SUBSTANCE NOTES:                                                 |                                                         |                                                                                                                                |                 |                                        |

ETHYLENE GLYCOL MONO-N-BUTYL ETHER

ID: 111-76-2

|                                                           |                                           |                                                                                                                                                           |          |                            |
|-----------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                           | HAZARD SCREENING DATE: 2026-09-01 18:24:20                                                                                                                |          |                            |
| %: 0.2500 - 0.5000                                        | GreenScreen: BM-2                         | RC: None                                                                                                                                                  | NANO: No | SUBSTANCE ROLE: Dispersant |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |          |                            |
| END                                                       | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor                                                                                                                             |          |                            |
| SKI                                                       | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |          |                            |
| EYE                                                       | EU - GHS (H-Statements) Annex 6 Table 3-1 | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |          |                            |
| MAM                                                       | EU - GHS (H-Statements) Annex 6 Table 3-1 | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |          |                            |
| EYE                                                       | GHS - New Zealand                         | Eye irritation category 2                                                                                                                                 |          |                            |
| EYE                                                       | GHS - Australia                           | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |          |                            |
| MAM                                                       | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |          |                            |
| MAM                                                       | GHS - Japan                               | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |          |                            |

|                     |                                                         |                                                                                                                                |
|---------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| SKI                 | GHS - Japan                                             | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                       |
| REP                 | GHS - Japan                                             | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                |
| MAM                 | Québec CSST - WHMIS 1988                                | Class D1A - Very toxic material causing immediate and serious toxic effects                                                    |
| MAM                 | GHS - Japan                                             | H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]                                                       |
| EYE                 | GHS - Japan                                             | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                       |
| MAM                 | GHS - Japan                                             | H330 - Fatal if inhaled [Acute toxicity (inhalation: vapor) - Category 2]                                                      |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                   |
| RESTRICTED LIST     | 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:    |                                                         |                                                                                                                                |

C13-14 ISOPARAFFIN

ID: 64742-47-8

|                                                                                                                     |                                           |                                                   |                                                                                                                      |                                |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                    |                                           | HAZARD SCREENING DATE: <b>2026-08-31 17:31:01</b> |                                                                                                                      |                                |
| %: <b>0.5000 - 0.5000</b>                                                                                           | GreenScreen: <b>BM-2</b>                  | RC: <b>None</b>                                   | NANO: <b>No</b>                                                                                                      | SUBSTANCE ROLE: <b>Diluent</b> |
| HAZARD TYPE                                                                                                         | LIST NAME AND SOURCE                      |                                                   | WARNINGS                                                                                                             |                                |
| CAN                                                                                                                 | MAK                                       |                                                   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                         |                                |
| 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] |                                |
| MAM                                                                                                                 | EU - GHS (H-Statements) Annex 6 Table 3-1 |                                                   | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |                                |
| MAM                                                                                                                 | GHS - Australia                           |                                                   | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |                                |
| ADDITIONAL LISTINGS                                                                                                 | LIST NAME AND SOURCE                      |                                                   | NOTIFICATION                                                                                                         |                                |
| None found                                                                                                          |                                           |                                                   | No listings found on Additional Hazard Lists                                                                         |                                |
| SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-2 was provided through the HPD 2.3 Builder Tool. |                                           |                                                   |                                                                                                                      |                                |

POLYETHYLENE GLYCOL NONYLPHENYL ETHER

ID: 9016-45-9

|                                                           |                                                  |                                                                |                                            |                          |
|-----------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------|--------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                                  |                                                                | HAZARD SCREENING DATE: 2026-09-01 18:40:35 |                          |
| %: 0.5000 - 0.5000                                        | GreenScreen: BM-1tp                              | RC: None                                                       | NANO: No                                   | POLYMER ROLE: Surfactant |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                             | WARNINGS                                                       |                                            |                          |
| END                                                       | EU - Priority Endocrine Disruptors               | Category 1 - In vivo evidence of Endocrine Disruption Activity |                                            |                          |
| END                                                       | OSPAR - Priority PBTs & EDs & equivalent concern | Endocrine Disruptor - Substance of Possible Concern            |                                            |                          |
| END                                                       | OSPAR - Priority PBTs & EDs & equivalent concern | Endocrine Disruptor - Chemical for Priority Action             |                                            |                          |

|                                                                              |                                                          |                                                                                                                                                                            |
|------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AQU                                                                          | EU - GHS (H-Statements) Annex 6 Table 3-1                | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                                              |
| AQU                                                                          | EU - GHS (H-Statements) Annex 6 Table 3-1                | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                  |
| END                                                                          | ChemSec - SIN List                                       | Endocrine Disruption                                                                                                                                                       |
| END                                                                          | TEDX - Potential Endocrine Disruptors                    | Potential Endocrine Disruptor                                                                                                                                              |
| MUL                                                                          | German FEA - Substances Hazardous to Waters              | Class 2 - Hazard to Waters                                                                                                                                                 |
| MUL                                                                          | German FEA - Substances Hazardous to Waters              | Class 3 - Severe Hazard to Waters                                                                                                                                          |
| EYE                                                                          | GHS - New Zealand                                        | Eye irritation category 2                                                                                                                                                  |
| AQU                                                                          | GHS - Japan                                              | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                                              |
| AQU                                                                          | GHS - Japan                                              | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                                       |
| EYE                                                                          | GHS - Japan                                              | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                                                   |
| REP                                                                          | GHS - Japan                                              | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                                                            |
| SKI                                                                          | GHS - Japan                                              | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                                   |
| END                                                                          | EU - SVHC List                                           | Equivalent Concern - Prioritization List: endocrine disrupting properties cause probable serious effects to the environment or human health                                |
| 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]                                                                                     |
| END                                                                          | EU - SVHC List                                           | Equivalent Concern - Candidate List: endocrine disrupting properties cause probable serious effects to the environment or human health                                     |
| END                                                                          | EU - SVHC List                                           | Endocrine disrupting properties cause probable serious effects to the environment or human health - Banned unless Authorised                                               |
| AQU                                                                          | GHS - New Zealand                                        | Hazardous to the aquatic environment - chronic category 1                                                                                                                  |
| ADDITIONAL LISTINGS                                                          | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                                               |
| RESTRICTED LIST                                                              | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| RESTRICTED LIST                                                              | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products                                                                     |
| RESTRICTED LIST                                                              | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Using Optimized Materials - Silver                                               |
| RESTRICTED LIST                                                              | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Core List - All Products                                                       |
| RESTRICTED LIST                                                              | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Core List - Mixtures Only                                                      |
| RESTRICTED LIST                                                              | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Restrictions Based on Hazard Endpoints and Risk (Silver)                       |
| POLYMER TYPE: <b>Water-soluble, linear oligomeric surfactant.</b>            |                                                          |                                                                                                                                                                            |
| AVERAGE MOLECULAR WEIGHT : <b>≥1,000 Da and ≤ 10,000 Da</b>                  |                                                          |                                                                                                                                                                            |
| PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: <b>Unknown</b> |                                                          |                                                                                                                                                                            |

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers with disclosed CAS numbers.

ADDITIONAL NOTES:

FATTY ACIDS, C8-18 AND C18-UNSATD., BARIUM SALTS

ID: 68876-83-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:02

|                     |  |                                                         |  |                     |                                                                                      |          |                            |
|---------------------|--|---------------------------------------------------------|--|---------------------|--------------------------------------------------------------------------------------|----------|----------------------------|
| %                   |  | 0.3000 - 0.4000                                         |  | GreenScreen: LT-UNK | RC: None                                                                             | NANO: No | SUBSTANCE ROLE: Stabilizer |
| HAZARD TYPE         |  | LIST NAME AND SOURCE                                    |  |                     | WARNINGS                                                                             |          |                            |
| None found          |  |                                                         |  |                     | No warnings found on HPD Priority Hazard Lists                                       |          |                            |
| ADDITIONAL LISTINGS |  | LIST NAME AND SOURCE                                    |  |                     | NOTIFICATION                                                                         |          |                            |
| RESTRICTED LIST     |  | Cradle to Cradle Products Innovation Institute (C2CPiI) |  |                     | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025   |          |                            |
|                     |  |                                                         |  |                     | Children's Toy Products                                                              |          |                            |
| RESTRICTED LIST     |  | Cradle to Cradle Products Innovation Institute (C2CPiI) |  |                     | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |          |                            |
|                     |  |                                                         |  |                     | Children's Toy Products                                                              |          |                            |

PULP, CELLULOSE

ID: 65996-61-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:02

|                     |  |                                                              |  |              |      |     |                       |       |    |                 |                 |
|---------------------|--|--------------------------------------------------------------|--|--------------|------|-----|-----------------------|-------|----|-----------------|-----------------|
| %                   |  | 0.3000 - 0.4000                                              |  | GreenScreen: | NoGS | RC: | None                  | NANO: | No | SUBSTANCE ROLE: | Glass 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          |       |    |                 |                 |
| EXEMPT              |  | European Union / European Commission (EU EC)                 |  |              |      |     | EU - REACH Exemptions |       |    |                 |                 |
|                     |  | Exempted from REACH Annex IV listing due to intrinsic safety |  |              |      |     |                       |       |    |                 |                 |

POLYVINYL ALCOHOL

ID: 9002-89-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:03

|                     |                      |                                                |          |                                 |
|---------------------|----------------------|------------------------------------------------|----------|---------------------------------|
| %: 0.1400 - 0.3400  | GreenScreen: LT-UNK  | RC: None                                       | NANO: No | SUBSTANCE ROLE: Glass 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:

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT  
PARAFFINIC

ID: 64742-55-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:06

%: 0.2000 - 0.3000      GreenScreen: LT-1      RC: None      NANO: No      SUBSTANCE ROLE: Stabilizer

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                             |
|---------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------|
| CAN                 | EU - Annex VI CMRs                                      | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                |
| MUL                 | ChemSec - SIN List                                      | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                 |
| MUL                 | German FEA - Substances Hazardous to Waters             | Class 3 - Severe Hazard to Waters                                                    |
| CAN                 | GHS - Australia                                         | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                        |
| CAN                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                        |
| SKI                 | GHS - Australia                                         | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]               |
| DEV                 | GHS - Australia                                         | H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]  |
| CAN                 | EU - REACH Annex XVII CMRs                              | Carcinogens: Category 1B                                                             |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPiI) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025   |
|                     |                                                         | All Products                                                                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPiI) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025   |
|                     |                                                         | Cosmetics and Personal Care Products                                                 |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPiI) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |
|                     |                                                         | Core List - Mixtures Only                                                            |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPiI) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 |
|                     |                                                         | Restrictions Based on Hazard Endpoints and Risk (Silver)                             |

SUBSTANCE NOTES:

PHOSPHOROUS ACID, TRIISODECYL ESTER (9CI)

ID: 25448-25-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:05

%: 0.2000 - 0.3000      GreenScreen: LT-P1      RC: None      NANO: No      SUBSTANCE ROLE: Stabilizer

| 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:

FATTY ACIDS, C8-18 AND C18-UNSATD., ZINC SALTS

ID: 67762-34-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:05

%: 0.2000 - 0.3000

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Stabilizer

| 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: 2026-08-31 17:31:03

%: 0.2000 - 0.3000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES:

2-HYDROXYETHYL ACRYLATE

ID: 818-61-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:04

%: 0.2000 - 0.3000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Coating

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| SKI                 | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                                                                   |
| MUL                 | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                                                         |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                                                      |
| AQU                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| MAM                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                                                                  |
| MAM                 | GHS - Japan                                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |
| MAM                 | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| SKI                 | GHS - New Zealand                           | Skin corrosion category 1C                                                                                                                                |
| EYE                 | GHS - New Zealand                           | Serious eye damage category 1                                                                                                                             |
| EYE                 | GHS - Japan                                 | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                                                       |
| SKI                 | GHS - Australia                             | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                                                      |
| SKI                 | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| SKI                 | GHS - New Zealand                           | Skin sensitisation category 1                                                                                                                             |
| AQU                 | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1                                                                                                   |
| AQU                 | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| MAM                 | GHS - Australia                             | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                                                                  |
| AQU                 | GHS - Australia                             | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| MAM                 | GHS - Japan                                 | H310 - Fatal in contact with skin [Acute Toxicity (dermal) - Category 2]                                                                                  |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                                                              |
| None found          |                                             | No listings found on Additional Hazard Lists                                                                                                              |

SUBSTANCE NOTES:

1,4-BENZENEDICARBOXYLIC ACID, MIXED BU AND 2-ETHYLHEXYL DIESTERS

ID: 1571954-81-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:04

%: 0.1000 - 0.2000

GreenScreen: NoGS

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:    |                      |                                                |

HYDROXYPROPYL ACRYLATE

ID: 25584-83-2

|                                                                  |                                             |                 |                                                                                                                                                           |                                |  |
|------------------------------------------------------------------|---------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                 | HAZARD SCREENING DATE: <b>2026-08-31 17:31:05</b>                                                                                                         |                                |  |
| %: <b>0.0800 - 0.2000</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b> | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Coating</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                 | WARNINGS                                                                                                                                                  |                                |  |
| SKI                                                              | MAK                                         |                 | Sensitizing Substance Sh - Danger of skin sensitization                                                                                                   |                                |  |
| MUL                                                              | German FEA - Substances Hazardous to Waters |                 | Class 2 - Hazard to Waters                                                                                                                                |                                |  |
| SKI                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                                                      |                                |  |
| MAM                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |                                |  |
| MAM                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |                                |  |
| MAM                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                                                                  |                                |  |
| MAM                                                              | GHS - Japan                                 |                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |                                |  |
| MAM                                                              | GHS - Japan                                 |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                |  |
| SKI                                                              | GHS - New Zealand                           |                 | Skin corrosion category 1C                                                                                                                                |                                |  |
| EYE                                                              | GHS - New Zealand                           |                 | Serious eye damage category 1                                                                                                                             |                                |  |
| EYE                                                              | GHS - Japan                                 |                 | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                                                       |                                |  |
| SKI                                                              | GHS - Japan                                 |                 | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]                                                                 |                                |  |
| SKI                                                              | GHS - Australia                             |                 | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                                                      |                                |  |
| MAM                                                              | GHS - New Zealand                           |                 | Acute inhalation toxicity category 3                                                                                                                      |                                |  |
| SKI                                                              | GHS - New Zealand                           |                 | Skin sensitisation category 1                                                                                                                             |                                |  |
| AQU                                                              | GHS - Japan                                 |                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |                                |  |
| MAM                                                              | GHS - Australia                             |                 | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |                                |  |
| MAM                                                              | GHS - Australia                             |                 | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                                                                                  |                                |  |
| MAM                                                              | GHS - Australia                             |                 | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |                                |  |
| MAM                                                              | GHS - New Zealand                           |                 | Acute dermal toxicity category 3                                                                                                                          |                                |  |
| MAM                                                              | GHS - New Zealand                           |                 | Acute oral toxicity category 3                                                                                                                            |                                |  |
| MAM                                                              | GHS - Japan                                 |                 | H310 - Fatal in contact with skin [Acute Toxicity (dermal) - Category 2]                                                                                  |                                |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                 | NOTIFICATION                                                                                                                                              |                                |  |

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

POLY(OXY-1,4-BUTANEDIYL), ALPHA-HYDRO-OMEGA-HYDROXY-, POLYMER WITH 1,3-DIISOCYANATOMETHYLBENZENE, 2-HYDROXYETHYL ACRYLATE-BLOCKED

ID: 82339-24-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:04

%: 0.1000 - 0.2000

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Coating

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:

TRIETHYLENE GLYCOL MONOBUTYL ETHER

ID: 143-22-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:06

%: 0.1000 - 0.1250

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Dispersant

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

EYE

EU - GHS (H-Statements) Annex 6 Table 3-1

H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

EYE

GHS - Japan

H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]

EYE

GHS - Australia

H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE, 2-ETHYLHEXYL 2-PROPENOATE AND 2-PROPENOIC ACID

ID: 42398-14-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:04

%: 0.0000 - 0.1000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Glass 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:

ETHYLENE GLYCOL

ID: 107-21-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:08

%: 0.0000 - 0.1000

GreenScreen: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Coating

| HAZARD TYPE | LIST NAME AND SOURCE                             | WARNINGS                                                                                                         |
|-------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| END         | TEDX - Potential Endocrine Disruptors            | Potential Endocrine Disruptor                                                                                    |
| DEV         | US NIH - Reproductive & Developmental Monographs | Clear Evidence of Adverse Effects - Developmental Toxicity                                                       |
| DEV         | CA EPA - Prop 65                                 | Developmental - specific to chemical form or exposure route                                                      |
| MAM         | GHS - Japan                                      | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]          |
| EYE         | GHS - New Zealand                                | Eye irritation category 2                                                                                        |
| MAM         | GHS - New Zealand                                | Specific target organ toxicity - repeated exposure category 1                                                    |
| MAM         | GHS - Japan                                      | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| SKI         | GHS - Japan                                      | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                         |

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

SUBSTANCE NOTES:

HYDROXYCYCLOHEXYL PHENYL KETONE

ID: 947-19-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:08

%: 0.0000 - 0.1000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Coating

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                  |
|-------------|----------------------|---------------------------|
| EYE         | GHS - New Zealand    | Eye irritation category 2 |

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

SUBSTANCE NOTES:

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 26570-48-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:07

%: 0.0000 - 0.1000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Coating

| 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:    |                      |                                                |  |

BENZOPHENONE

ID: 119-61-9

|                                                                  |  |                                                          |                                                   |                                                                                                                      |                                |
|------------------------------------------------------------------|--|----------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |                                                          | HAZARD SCREENING DATE: <b>2026-08-31 17:31:07</b> |                                                                                                                      |                                |
| %: <b>0.0000 - 0.1000</b>                                        |  | GreenScreen: <b>LT-1</b>                                 | RC: <b>None</b>                                   | NANO: <b>No</b>                                                                                                      | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE                                                      |  | LIST NAME AND SOURCE                                     |                                                   | WARNINGS                                                                                                             |                                |
| END                                                              |  | TEDX - Potential Endocrine Disruptors                    |                                                   | Potential Endocrine Disruptor                                                                                        |                                |
| CAN                                                              |  | EU - Annex VI CMRs                                       |                                                   | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                                                |                                |
| END                                                              |  | ChemSec - SIN List                                       |                                                   | Endocrine Disruption                                                                                                 |                                |
| MUL                                                              |  | German FEA - Substances Hazardous to Waters              |                                                   | Class 3 - Severe Hazard to Waters                                                                                    |                                |
| CAN                                                              |  | CA EPA - Prop 65                                         |                                                   | Carcinogen                                                                                                           |                                |
| CAN                                                              |  | IARC                                                     |                                                   | Group 2b - Possibly carcinogenic to humans                                                                           |                                |
| CAN                                                              |  | GHS - Japan                                              |                                                   | H350 - May cause cancer [Carcinogenicity - Category 1B]                                                              |                                |
| CAN                                                              |  | EU - GHS (H-Statements) Annex 6 Table 3-1                |                                                   | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                                        |                                |
| AQU                                                              |  | GHS - New Zealand                                        |                                                   | Hazardous to the aquatic environment - acute category 1                                                              |                                |
| AQU                                                              |  | GHS - New Zealand                                        |                                                   | Hazardous to the aquatic environment - chronic category 1                                                            |                                |
| AQU                                                              |  | GHS - Japan                                              |                                                   | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                             |                                |
| AQU                                                              |  | GHS - Japan                                              |                                                   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |                                |
| CAN                                                              |  | GHS - Australia                                          |                                                   | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                    |                                |
| CAN                                                              |  | EU - REACH Annex XVII CMRs                               |                                                   | Carcinogens: Category 1B                                                                                             |                                |
| ADDITIONAL LISTINGS                                              |  | LIST NAME AND SOURCE                                     |                                                   | NOTIFICATION                                                                                                         |                                |
| RESTRICTED LIST                                                  |  | Cradle to Cradle Products Innovation Institute (C2CP II) |                                                   | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                                   |                                |
|                                                                  |  |                                                          |                                                   | All Products                                                                                                         |                                |
| RESTRICTED LIST                                                  |  | Cradle to Cradle Products Innovation Institute (C2CP II) |                                                   | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                                   |                                |
|                                                                  |  |                                                          |                                                   | Cosmetics and Personal Care Products                                                                                 |                                |
| RESTRICTED LIST                                                  |  | Cradle to Cradle Products Innovation Institute (C2CP II) |                                                   | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026                                 |                                |
|                                                                  |  |                                                          |                                                   | Core List - Mixtures Only                                                                                            |                                |
| RESTRICTED LIST                                                  |  | Cradle to Cradle Products Innovation Institute (C2CP II) |                                                   | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026                                 |                                |
|                                                                  |  |                                                          |                                                   | Restrictions Based on Hazard Endpoints and Risk (Silver)                                                             |                                |
| SUBSTANCE NOTES:                                                 |  |                                                          |                                                   |                                                                                                                      |                                |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:07

|                     |  |                                              |                     |          |                            |                         |
|---------------------|--|----------------------------------------------|---------------------|----------|----------------------------|-------------------------|
| %                   |  | 0.0000 - 0.1000                              | GreenScreen: LT-UNK | RC: None | NANO: No                   | SUBSTANCE ROLE: Coating |
| HAZARD TYPE         |  | LIST NAME AND SOURCE                         |                     |          | WARNINGS                   |                         |
| SKI                 |  | GHS - New Zealand                            |                     |          | Skin irritation category 2 |                         |
| EYE                 |  | GHS - New Zealand                            |                     |          | Eye irritation category 2  |                         |
| ADDITIONAL LISTINGS |  | LIST NAME AND SOURCE                         |                     |          | NOTIFICATION               |                         |
| None found          |  | No listings found on Additional Hazard Lists |                     |          |                            |                         |
| SUBSTANCE NOTES:    |  |                                              |                     |          |                            |                         |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:06

|                    |                                             |                                                                                                                           |          |                         |
|--------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------|-------------------------|
| %: 0.0000 - 0.1000 | GreenScreen: LT-1                           | RC: None                                                                                                                  | NANO: No | SUBSTANCE ROLE: Coating |
| HAZARD TYPE        | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                  |          |                         |
| SKI                | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                                   |          |                         |
| MUL                | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                         |          |                         |
| CAN                | CA EPA - Prop 65                            | Carcinogen                                                                                                                |          |                         |
| CAN                | IARC                                        | Group 2b - Possibly carcinogenic to humans                                                                                |          |                         |
| REP                | GHS - Japan                                 | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                     |          |                         |
| SKI                | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                    |          |                         |
| EYE                | EU - GHS (H-Statements) Annex 6 Table 3-1   | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                    |          |                         |
| CAN                | EU - GHS (H-Statements) Annex 6 Table 3-1   | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                         |          |                         |
| AQU                | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |          |                         |
| AQU                | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |          |                         |
| 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]                                    |          |                         |
| CAN                | GHS - Japan                                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                         |          |                         |
| CAN                | EU - Annex VI CMRs                          | Carcinogen Category 2 - Suspected human Carcinogen                                                                        |          |                         |
| SKI                | GHS - New Zealand                           | Skin sensitisation category 1                                                                                             |          |                         |
| AQU                | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 2                                                                 |          |                         |
| AQU                | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |          |                         |

|                     |                                                          |                                                                                                                                                      |
|---------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| AQU                 | GHS - Japan                                              | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                            |
| EYE                 | GHS - Japan                                              | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                             |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products                       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Restrictions Based on Hazard Endpoints and Risk (Silver) |
| SUBSTANCE NOTES:    |                                                          |                                                                                                                                                      |

SILICON DIOXIDE

ID: 7631-86-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:05

|                                                                                                                     |  |                                       |  |              |      |                                                                                                                                                           |      |       |    |                 |         |
|---------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|--------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|----|-----------------|---------|
| %                                                                                                                   |  | 0.0000 - 0.1000                       |  | GreenScreen: | BM-1 | RC:                                                                                                                                                       | None | NANO: | No | SUBSTANCE ROLE: | Coating |
| HAZARD TYPE                                                                                                         |  | LIST NAME AND SOURCE                  |  |              |      | WARNINGS                                                                                                                                                  |      |       |    |                 |         |
| CAN                                                                                                                 |  | GHS - Japan                           |  |              |      | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |      |       |    |                 |         |
| CAN                                                                                                                 |  | GHS - Australia                       |  |              |      | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |      |       |    |                 |         |
| MAM                                                                                                                 |  | GHS - Japan                           |  |              |      | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |      |       |    |                 |         |
| MAM                                                                                                                 |  | GHS - Japan                           |  |              |      | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |      |       |    |                 |         |
| MAM                                                                                                                 |  | GHS - Australia                       |  |              |      | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |      |       |    |                 |         |
| ADDITIONAL LISTINGS                                                                                                 |  | LIST NAME AND SOURCE                  |  |              |      | NOTIFICATION                                                                                                                                              |      |       |    |                 |         |
| RESTRICTED LIST                                                                                                     |  | Green Science Policy Institute (GSPI) |  |              |      | GSPI - Six Classes Precautionary List<br><br>Antimicrobials                                                                                               |      |       |    |                 |         |
| RESTRICTED LIST                                                                                                     |  | Green Science Policy Institute (GSPI) |  |              |      | GSPI - Six Classes Precautionary List<br><br>Flame Retardants                                                                                             |      |       |    |                 |         |
| SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.3 Builder Tool. |  |                                       |  |              |      |                                                                                                                                                           |      |       |    |                 |         |

IRGANOX 1010

ID: 6683-19-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-31 17:31:05

|                    |                      |                                                |          |                            |
|--------------------|----------------------|------------------------------------------------|----------|----------------------------|
| %: 0.0000 - 0.1000 | GreenScreen: LT-UNK  | RC: None                                       | NANO: No | SUBSTANCE ROLE: Stabilizer |
| 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)              |
|                     |                                             | Preservatives-Antioxidants - Green Circle (Verified Low Concern) |
| SUBSTANCE NOTES:    |                                             |                                                                  |

POLYESTER FROM GLYCEROL, ETHYLENE GLYCOL, NEOPENTYL GLYCOL, TEREPHTHALIC ACID AND TEREPHTHALIC ANHYDRIDE

ID: 160994-79-6

|                                                                                                                                                        |  |                          |                                                   |                                                |                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|---------------------------------------------------|------------------------------------------------|------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                       |  |                          | HAZARD SCREENING DATE: <b>2026-09-01 18:32:48</b> |                                                |                              |
| %: <b>0.0000 - 0.1000</b>                                                                                                                              |  | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                   | NANO: <b>No</b>                                | POLYMER 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   |                              |
| POLYMER TYPE: <b>Crosslinked thermoset</b>                                                                                                             |  |                          |                                                   |                                                |                              |
| AVERAGE MOLECULAR WEIGHT : <b>&lt;1,000 Da</b>                                                                                                         |  |                          |                                                   |                                                |                              |
| PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: <b>Unknown</b>                                                                           |  |                          |                                                   |                                                |                              |
| ADDITIONAL SUBSTANCES CONSIDERED: <b>Yes</b>                                                                                                           |  |                          |                                                   |                                                |                              |
| POLYMER NOTES: This polymer has been reported in accordance to <a href="#">HPDC Special Conditions Policy</a> for polymers with disclosed CAS numbers. |  |                          |                                                   |                                                |                              |
| ADDITIONAL NOTES:                                                                                                                                      |  |                          |                                                   |                                                |                              |

QUARTZ

ID: 14808-60-7

|                                                           |                                   |                                                                                                                                                           |          |
|-----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                   | HAZARD SCREENING DATE: 2026-08-31 17:31:09                                                                                                                |          |
| %: 0.0000 - 0.0001                                        | GreenScreen: BM-1                 | RC: None                                                                                                                                                  | NANO: No |
|                                                           |                                   | SUBSTANCE ROLE: Impurity/Residual                                                                                                                         |          |
| HAZARD TYPE                                               | LIST NAME AND SOURCE              | WARNINGS                                                                                                                                                  |          |
| CAN                                                       | US CDC - Occupational Carcinogens | Occupational Carcinogen                                                                                                                                   |          |
| CAN                                                       | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route                                                                                                  |          |
| CAN                                                       | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)                                                                                     |          |
| CAN                                                       | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man                                                                                                  |          |
| CAN                                                       | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources                                                                             |          |
| CAN                                                       | IARC                              | Group 1 - Agent is Carcinogenic to humans                                                                                                                 |          |
| CAN                                                       | US NIH - Report on Carcinogens    | Known to be a human Carcinogen                                                                                                                            |          |
| CAN                                                       | GHS - Japan                       | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |          |
| CAN                                                       | GHS - Australia                   | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |          |
| CAN                                                       | GHS - New Zealand                 | Carcinogenicity category 1                                                                                                                                |          |
| MAM                                                       | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |          |

|                     |                      |                                                                                                                                         |
|---------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| GEN                 | GHS - Japan          | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]                                                       |
| MAM                 | GHS - Australia      | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM                 | GHS - New Zealand    | Specific target organ toxicity - repeated exposure category 1                                                                           |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                                                                                                            |
| None found          |                      | No listings found on Additional Hazard Lists                                                                                            |

SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 3.0 Builder Tool.

## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | RFCl FloorScore        |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|
| COMPLIANCE TYPE: Third-party certification                                                                                                                                                                                                                                                                                                                                                                                                                               | ISSUE DATE: 2022-11-01 | EXPIRY DATE: 2027-02-28 |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                         |
| COMPLIANCE DETAILS:                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                         |
| COMPLIANCE SCOPE:                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |                         |
| APPLICABLE FACILITIES: Janggyo-Dong, Jung-Gu, Seoul, Korea, Republic Of                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                         |
| COMPLIANCE URL:                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |                         |
| <a href="https://cdn.scs-certified.com/products/cert_pdfs/Hyundai%20L&amp;C%20Corporation_2026_SCS-FS-03893_s.pdf">https://cdn.scs-certified.com/products/cert_pdfs/Hyundai%20L&amp;C%20Corporation_2026_SCS-FS-03893_s.pdf</a>                                                                                                                                                                                                                                          |                        |                         |
| COMPLIANCE NOTES: Registration # SCS-FS-03893: Indoor Air Quality Certified to SCS-105 Version 4.2 – 2023 Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring. Measured Concentration of Total Volatile Organic Compounds (TVOC): Less than/equal to 0.5 mg/m <sup>3</sup> (in compliance with CDPH/EHLB Standard Method v1.2-2017) |                        |                         |

| LCA                                                                                                                                                                                               | Environmental Product Declaration (EPD) by SCS |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------|
| COMPLIANCE TYPE: Third-party certification                                                                                                                                                        | ISSUE DATE: 2022-11-01                         | EXPIRY DATE: 2027-10-31 |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services                                                                                                                                       |                                                |                         |
| COMPLIANCE DETAILS:                                                                                                                                                                               |                                                |                         |
| COMPLIANCE SCOPE:                                                                                                                                                                                 |                                                |                         |
| APPLICABLE FACILITIES: 7F Center1, 26, Eulji-ro 5 Gil, JungGu, Seoul, Korea 04539                                                                                                                 |                                                |                         |
| COMPLIANCE URL:                                                                                                                                                                                   |                                                |                         |
| <a href="https://cdn.scs-certified.com/products/cert_pdfs/SCSEPD-08352_Hyundai_flooring_112122.pdf">https://cdn.scs-certified.com/products/cert_pdfs/SCSEPD-08352_Hyundai_flooring_112122.pdf</a> |                                                |                         |
| COMPLIANCE NOTES: Registration # SCS-EPD-08352. This Environmental Product Declaration (EPD) conforms to ISO 14025, 14040, ISO 14044, and ISO 21930.                                              |                                                |                         |

## Section 4: Accessories

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

No accessories are required for this product.

## Section 5: General Notes

Models covered under this HPD are Hyundai Heterogeneous Sheet, 1.5mm-3.0mm.

Alternate contact:

Sam Southron, Coordinator - AP Network

Email: [info@anytest.co.kr](mailto:info@anytest.co.kr)

Phone: +82-(0)10-2114-9803



MANUFACTURER INFORMATION

MANUFACTURER: **Hyundai L&C Corporation**  
ADDRESS: **1077, Cheonho-daero, Gangdong-gu, Seoul, Sudogwon, Republic of Korea 05340**  
COUNTRY: **Korea**

WEBSITE: **https://www.hyundailncflooring.com/**  
CONTACT NAME: **Oh Jongwook**  
TITLE: **Quality Manager**  
PHONE: **+82-(0)10-7708-7968**  
EMAIL: **h0700216@hyundailnc.com**

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

KEY

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

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

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

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

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

|                                                                                    |                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Inventory Methods:</b>                                                          |                                                                             |
| <b>Nested Method / Material Threshold</b>                                          | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>                                           | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>                                            | Substances listed individually per threshold indicated per product          |
| <b>Nano</b> Composed of nano scale particles or nanotechnology                     |                                                                             |
| <b>Third Party Verified</b> Verification by independent certifier approved by HPDC |                                                                             |
| <b>Preparer</b> Third party preparer, if not self-prepared by manufacturer         |                                                                             |
| <b>Applicable facilities</b> Manufacturing sites to which testing applies          |                                                                             |

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard 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.