

HPD UNIQUE IDENTIFIER: 2320097043456

CLASSIFICATION: 09 54 26 Suspended Wood Ceilings

PRODUCT DESCRIPTION: The 9Wood Dowel/Cross Piece Grille wood ceiling offers the classic look of the dowel with the seismic compliance and direct-screw positive attachment of the Cross Piece Backer. The standard panel width is 12" or 24". Standard panel lengths are 4', 6', 8', or 10' (nominal) long.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format  | Threshold Level  | Residuals/Impurities Evaluation  | For all contents above the threshold, the manufacturer has:   |
|---|--|--|---|
| <div><input checked="" type="radio"/> Nested Materials Method</div> <div><input type="radio"/> Basic Method</div> | <div><input type="radio"/> 100 ppm</div> <div><input checked="" type="radio"/> 1,000 ppm</div> <div><input type="radio"/> Per GHS SDS</div> <div><input type="radio"/> Other</div> | <div>Completed in 7 of 7 Materials</div> <div>Explanation(s) provided for Residuals/Impurities?</div> <div><input checked="" type="radio"/> Yes <input type="radio"/> No</div> | <div>Characterized<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div> <div>Provided weight and role.</div> <div>Screened<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div> <div>Provided screening results using HPDC-approved methods.</div> <div>Identified<div><input type="radio"/> Yes <input checked="" type="radio"/> No</div></div> <div>Provided name and CAS RN or other identifier.</div> |
| Threshold Disclosed Per   |  |  |   |
| <div><input type="radio"/> Material</div> <div><input checked="" type="radio"/> Product</div>                     |  |  |   |

CONTENT IN DESCENDING ORDER OF QUANTITY

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

**NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

**GRILLE MEMBER - SOLID [ LUMBER, KILN DRIED AND SHAPED ] DOWEL [ DOWEL ] BACKER - PLYWOOD [ VENEER WATER BM-4 UNDISCLOSED LT-UNK ] FIRE TREATMENT [ WATER BM-4 UNDISCLOSED NoGS GUANIDINE, CYANO- LT-UNK ] INTERIOR CLEAR MATTE FINISH [ UNDISCLOSED NoGS CELLULOSE, NITRATE LT-UNK ] PHY 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED LT-UNK UREA, POLYMER WITH FORMALDEHYDE LT-P1 SKI ] EXTERIOR FINISH [ UNDISCLOSED NoGS CELLULOSE, ACETATE BUTANOATE LT-UNK AMORPHOUS SILICA BM-1 | CAN | MAM ] STANDARD BLACK FINISH [ UNDISCLOSED NoGS CELLULOSE, NITRATE LT-UNK ] PHY UREA FORMALDEHYDE LT-P1 SKI 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED LT-UNK CARBON BLACK BM-1 \* CAN | EYE | MAM | PHY ]**

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [BiologicalMaterial]

Inventory represents standard product design without stain. Includes exterior finish if specified. Disclosures were obtained from manufacturers, some ingredient names and CAS numbers were asked to be withheld as proprietary information.

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

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method - Not tested

CONSISTENCY WITH OTHER PROGRAMS

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

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2024-10-10 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2024-10-10 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2027-10-10    |

Section 2: Content in Descending Order of Quantity

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

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

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

GRILLE MEMBER - SOLID

%: 44.9600 - 90.3700

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Wood or Lumber

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: Weight range depends on configuration, varying sizes and species create a wide ratio between grille member weight, plywood backer and their constituent components.

LUMBER, KILN DRIED AND SHAPED

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 100.0000      GreenScreen: Not Required      RC: None      NANO: No      MATERIAL ROLE: Structure component

| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS |
|---|------------------------|----------|
| Hazard Screening is not applicable to this Special Condition  |                        |          |
| BIOLOGICAL MATERIALS CATEGORY: Tree-based materials   |                        |          |
| INGREDIENT DESCRIPTION: Various species, primarily Western Hemlock and US hardwoods   |                        |          |
| MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials. |                        |          |

DOWEL

%: 3.6100 - 31.0100

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Wood or Lumber

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: Weight range depends on configuration, varying sizes and species create a wide ratio between grille member weight, plywood backer and their constituent components.

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

|   |                           |          |          |                                    |
|---|---------------------------|----------|----------|------------------------------------|
| %: 100.0000   | GreenScreen: Not Required | RC: None | NANO: No | MATERIAL ROLE: Structure component |
| HAZARD TYPE   | AGENCY AND LIST TITLES    |          | WARNINGS |                                    |
| Hazard Screening is not applicable to this Special Condition  |                           |          |          |                                    |
| BIOLOGICAL MATERIALS CATEGORY: Tree-based materials   |                           |          |          |                                    |
| INGREDIENT DESCRIPTION: Birch   |                           |          |          |                                    |
| MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials. |                           |          |          |                                    |

BACKER - PLYWOOD

%: 2.1100 - 18.1200

|   |  |                               |
|---|--|-------------------------------|
| PRODUCT THRESHOLD: 1000 ppm   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Wood or Lumber |
| RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added   |  |                               |
| OTHER MATERIAL NOTES: Weight range depends on configuration, varying sizes and species create a wide ratio between grille member weight, plywood backer and their constituent components. |  |                               |

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **96.0000**      GreenScreen: **Not Required**      RC: **None**      NANO: **No**      MATERIAL ROLE: **Structure component**

| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS |
|--|------------------------|----------|
| Hazard Screening is not applicable to this Special Condition |                        |          |

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Douglas-Fir core layers with Birch face

MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2024-10-10 8:42:36**

%: **2.0000 - 2.0000**      GreenScreen: **BM-4**      RC: **None**      NANO: **Unknown**      SUBSTANCE ROLE: **Solvent**

| 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 IV listing due to intrinsic safety |

SUBSTANCE NOTES:

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library**      HAZARD SCREENING DATE: **2024-10-10 7:25:22**

%: **1.6000 - 1.6000**      GreenScreen: **LT-UNK**      RC: **None**      NANO: **Unknown**      SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS    |
|-------------|----------------------|-------------|
|             | EC - CEPA DSL        | Persistence |

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

SUBSTANCE NOTES: Proprietary, manufacturer requested not to disclose name or CAS.

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: This disclosure represents the liquid formulation

|  |  |                 |  |                                |
|--|--|-----------------|--|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |                 | HAZARD SCREENING DATE: <b>2024-10-10 8:42:37</b>             |                                |
| %: <b>85.0000 - 85.0000</b>                                      | GreenScreen: <b>BM-4</b>                     | RC: <b>None</b> | NANO: <b>Unknown</b>   | SUBSTANCE ROLE: <b>Solvent</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                         |                 | WARNINGS   |                                |
| None found   |  |                 | No warnings found on HPD Priority Hazard Lists               |                                |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                         |                 | NOTIFICATION   |                                |
| EXEMPT   | European Union / European Commission (EU EC) |                 | EU - REACH Exemptions  |                                |
|  |  |                 | Exempted from REACH Annex IV listing due to intrinsic safety |                                |
| SUBSTANCE NOTES:   |  |                 |  |                                |

|   |                          |  |  |  |
|---|--------------------------|--|--|--|
| HAZARD DATA SOURCE: <b>Toxnot Chemical Hazard Screening Library</b>               |                          |  | HAZARD SCREENING DATE: <b>2024-10-10 7:25:26</b> |  |
| %: <b>4.5000 - 4.5000</b>   | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                | NANO: <b>Unknown</b>                             | SUBSTANCE ROLE: <b>Flame retardant</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: Proprietary, manufacturer requested not to disclose name or CAS. |                          |  |  |  |

|  |                            |  |  |  |
|--|----------------------------|--|--|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |  | HAZARD SCREENING DATE: <b>2024-10-10 8:42:38</b> |  |
| %: <b>4.0000 - 4.0000</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>Unknown</b>                             | SUBSTANCE ROLE: <b>Flame retardant</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:   |                            |  |  |  |

|                             |  |                                   |
|-----------------------------|--|-----------------------------------|
| PRODUCT THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Polymeric Material |
|-----------------------------|--|-----------------------------------|

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: Manufacturer provided theoretical dry film formula.

UNDISCLOSED

ID: Undisclosed

|   |                          |  |  |                                    |
|---|--------------------------|--|--|------------------------------------|
| HAZARD DATA SOURCE: <b>Toxnot Chemical Hazard Screening Library</b>               |                          |  | HAZARD SCREENING DATE: <b>2024-10-10 7:25:30</b> |                                    |
| %: <b>60.8600 - 60.8600</b>   | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                | NANO: <b>Unknown</b>                             | SUBSTANCE ROLE: <b>Film former</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: Proprietary, manufacturer requested not to disclose name or CAS. |                          |  |  |                                    |

CELLULOSE, NITRATE

ID: 9004-70-0

|  |                            |                 |   |                                    |
|--|----------------------------|-----------------|---|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-10-10 8:42:36</b>                    |                                    |
| %: <b>24.4200 - 24.4200</b>                                      | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>Unknown</b>  | SUBSTANCE ROLE: <b>Film former</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE       |                 | WARNINGS  |                                    |
| PHY  | GHS - Japan                |                 | H201 - Explosive; mass explosive hazard [Explosives - Division 1.1] |                                    |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE       |                 | NOTIFICATION  |                                    |
| None found   |                            |                 | No listings found on Additional Hazard Lists                        |                                    |
| SUBSTANCE NOTES:   |                            |                 |   |                                    |

1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH  
FORMALDEHYDE, METHYLATED

ID: 68002-20-0

|   |  |          |   |                             |
|---|--|----------|---|-----------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |  |          | HAZARD SCREENING DATE: 2024-10-10 8:42:37   |                             |
| %: 5.0200 - 5.0200  | GreenScreen: LT-UNK                          | RC: None | NANO: Unknown   | SUBSTANCE ROLE: Film former |
| HAZARD TYPE   | LIST NAME AND SOURCE                         |          | WARNINGS  |                             |
| None found  |  |          | No warnings found on HPD Priority Hazard Lists  |                             |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                         |          | NOTIFICATION  |                             |
| RESTRICTED LIST   | International Living Future Institute (ILFI) |          | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 |                             |
|   |  |          | Red List substances to avoid in Living Building Challenge V4.0 projects                     |                             |

SUBSTANCE NOTES:

UREA, POLYMER WITH FORMALDEHYDE

ID: 9011-05-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-10 8:42:38

|                     |  |   |               |                             |
|---------------------|--|---|---------------|-----------------------------|
| %: 5.0200 - 5.0200  | GreenScreen: LT-P1                           | RC: None  | NANO: Unknown | SUBSTANCE ROLE: Film former |
| HAZARD TYPE         | LIST NAME AND SOURCE                         | WARNINGS  |               |                             |
| SKI                 | GHS - New Zealand                            | Skin sensitisation category 1   |               |                             |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION  |               |                             |
| RESTRICTED LIST     | Perkins+Will (P+W)                           | P&W - Precautionary List  |               |                             |
|                     |  | Precautionary list of substances recommended for avoidance                                  |               |                             |
| RESTRICTED LIST     | International Living Future Institute (ILFI) | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 |               |                             |
|                     |  | Red List substances to avoid in Living Building Challenge V4.0 projects                     |               |                             |

SUBSTANCE NOTES:

EXTERIOR FINISH

?: 1.2900 - 3.1800

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

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: Manufacturer provided theoretical dry film formula.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE: 2024-10-10 7:25:37

|                       |                      |  |               |                             |
|-----------------------|----------------------|--|---------------|-----------------------------|
| %: 67.0000 - 100.0000 | GreenScreen: NoGS    | RC: None                                       | NANO: Unknown | SUBSTANCE ROLE: Film former |
| 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: Proprietary, manufacturer requested not to disclose name or CAS.

CELLULOSE, ACETATE BUTANOATE

ID: 9004-36-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-10 8:42:38

|                      |                     |          |               |                             |
|----------------------|---------------------|----------|---------------|-----------------------------|
| %: 13.4600 - 13.4600 | GreenScreen: LT-UNK | RC: None | NANO: Unknown | SUBSTANCE ROLE: Film former |
|----------------------|---------------------|----------|---------------|-----------------------------|



| 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:    |                      |  |

AMORPHOUS SILICA

ID: 7631-86-9

|  |                                       |                 |   |   |
|--|---------------------------------------|-----------------|---|---|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                 | HAZARD SCREENING DATE: <b>2024-10-10 8:42:40</b>  |   |
| %: <b>9.4500 - 9.4500</b>  | GreenScreen: <b>BM-1</b>              | RC: <b>None</b> | NANO: <b>Unknown</b>  | SUBSTANCE ROLE: <b>Viscosity modifier</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                  |                 | WARNINGS  |   |
| CAN  | GHS - Japan                           |                 | H350 - May cause cancer [Carcinogenicity - Category 1A]   |   |
| CAN  | GHS - Australia                       |                 | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]  |   |
| MAM  | GHS - Japan                           |                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]   |   |
| MAM  | GHS - Japan                           |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |   |
| MAM  | GHS - Australia                       |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |   |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                  |                 | NOTIFICATION  |   |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI) |                 | GSPI - Six Classes Precautionary List   |   |
|  |                                       |                 | Antimicrobials  |   |
| SUBSTANCE NOTES:   |                                       |                 |   |   |

STANDARD BLACK FINISH

%: 0.1900 - 1.6300

|   |  |                                   |
|---|--|-----------------------------------|
| PRODUCT THRESHOLD: 1000 ppm   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Polymeric Material |
| RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added |  |                                   |
| OTHER MATERIAL NOTES: Manufacturer provided theoretical dry film formula.   |  |                                   |

UNDISCLOSED

ID: Undisclosed

|  |                   |          |   |                             |
|--|-------------------|----------|---|-----------------------------|
| HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library |                   |          | HAZARD SCREENING DATE: 2024-10-10 7:25:42 |                             |
| %: 58.1600 - 58.1600   | GreenScreen: NoGS | RC: None | NANO: Unknown                             | SUBSTANCE ROLE: Film former |

| 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: Proprietary, manufacturer requested not to disclose name or CAS. |                      |  |

CELLULOSE, NITRATE

ID: 9004-70-0

|  |                            |                 |   |                                    |
|--|----------------------------|-----------------|---|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-10-10 8:42:40</b>                    |                                    |
| %: <b>21.6600 - 21.6600</b>                                      | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>Unknown</b>  | SUBSTANCE ROLE: <b>Film former</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE       |                 | WARNINGS  |                                    |
| PHY  | GHS - Japan                |                 | H201 - Explosive; mass explosive hazard [Explosives - Division 1.1] |                                    |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE       |                 | NOTIFICATION  |                                    |
| None found   |                            |                 | No listings found on Additional Hazard Lists                        |                                    |
| SUBSTANCE NOTES:   |                            |                 |   |                                    |

UREA FORMALDEHYDE

ID: 9011-05-6

|  |  |  |   |                                    |
|--|--|--|---|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  | HAZARD SCREENING DATE: <b>2024-10-10 8:42:41</b> |   |                                    |
| %: <b>4.4600</b>   | GreenScreen: <b>LT-P1</b>                    | RC: <b>None</b>                                  | NANO: <b>Unknown</b>  | SUBSTANCE ROLE: <b>Film former</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                         |  | WARNINGS  |                                    |
| SKI  | GHS - New Zealand                            |  | Skin sensitisation category 1   |                                    |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                         |  | NOTIFICATION  |                                    |
| RESTRICTED LIST  | Perkins+Will (P+W)                           |  | P&W - Precautionary List  |                                    |
|  |  |  | Precautionary list of substances recommended for avoidance                                  |                                    |
| RESTRICTED LIST  | International Living Future Institute (ILFI) |  | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 |                                    |
|  |  |  | Red List substances to avoid in Living Building Challenge V4.0 projects                     |                                    |
| SUBSTANCE NOTES:   |  |  |   |                                    |

1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED

ID: 68002-20-0

|                     |  |          |   |                             |
|---------------------|--|----------|---|-----------------------------|
| %: 4.4500           | GreenScreen: LT-UNK                          | RC: None | NANO: Unknown   | SUBSTANCE ROLE: Film former |
| HAZARD TYPE         | LIST NAME AND SOURCE                         |          | WARNINGS  |                             |
| None found          |  |          | No warnings found on HPD Priority Hazard Lists  |                             |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         |          | NOTIFICATION  |                             |
| RESTRICTED LIST     | International Living Future Institute (ILFI) |          | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 |                             |
|                     |  |          | Red List substances to avoid in Living Building Challenge V4.0 projects                     |                             |
| SUBSTANCE NOTES:    |  |          |   |                             |

CARBON BLACK

ID: **1333-86-4**

|  |                                   |   |   |
|--|-----------------------------------|---|---|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                   | HAZARD SCREENING DATE: <b>2024-10-10 8:42:39</b>  |   |
| %: <b>3.8900</b>   | GreenScreen: <b>BM-1</b>          | RC: <b>None</b>   | NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE              | WARNINGS  |   |
| CAN  | US CDC - Occupational Carcinogens | Occupational Carcinogen**   |   |
| CAN  | MAK                               | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**  |   |
| CAN  | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route**  |   |
| CAN  | IARC                              | Group 2b - Possibly carcinogenic to humans**  |   |
| EYE  | GHS - New Zealand                 | Eye irritation category 2**   |   |
| CAN  | GHS - New Zealand                 | Carcinogenicity category 2**  |   |
| CAN  | GHS - Japan                       | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**   |   |
| MAM  | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |   |
| PHY  | GHS - Japan                       | H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]**  |   |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE              | NOTIFICATION  |   |
| None found   |                                   | No listings found on Additional Hazard Lists  |   |

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

### Section 3: Certifications and Compliance

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

| VOC EMISSIONS                          | CDPH Standard Method - Not tested |                        |
|--|-----------------------------------|------------------------|
| CERTIFYING PARTY: Self-declared        | ISSUE DATE: 2024-10-10 00:00:00   | CERTIFIER OR LAB: None |
| APPLICABLE FACILITIES: Springfield, OR | EXPIRY DATE:                      |                        |
| CERTIFICATE URL:                       |                                   |                        |
| CERTIFICATION AND COMPLIANCE NOTES:    |                                   |                        |

### Section 4: Accessories

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

No accessories are required for this product.

### Section 5: General Notes

Information and documentation is provided in good faith, based on the products as currently formulated, and relies upon information provided to us by our raw material suppliers. While 9Wood uses reasonable efforts to provide accurate and up-to-date information, some of the information provided is gathered by third parties and has not been independently verified. 9Wood expresses no opinion and makes no representations as to the validity, applicability, suitability, accuracy, or completeness of the documentation.

MANUFACTURER INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| MANUFACTURER: <b>9Wood</b>       | WEBSITE: <b>9Wood.com</b>             |
| ADDRESS: <b>999 S. A Street</b>  | CONTACT NAME: <b>Louis Leatherman</b> |
| <b>Springfield, Oregon 97477</b> | TITLE: <b>Sustainability Manager</b>  |
| COUNTRY: <b>United States</b>    | PHONE: <b>9713694949</b>              |
|                                  | EMAIL: <b>lleatherman@9wood.com</b>   |

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

KEY

Hazard Types

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

GreenScreen (GS)

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

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

Recycled Types

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

Other Terms:

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

Inventory Methods:

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

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

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

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

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

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

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