

HPD UNIQUE IDENTIFIER: 25287

CLASSIFICATION: 32 35 00 Screening Devices

PRODUCT DESCRIPTION: greenscreen® is a welded wire panel system used for trellising, fencing, architectural screening and vertical plant support applications. When the panel is combined with twining or climbing vines, greenscreen® forms a structural wire panel plant support system that defines or encloses space, provides privacy screening, and offers shading for more sustainable construction.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                               |                                            |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|--------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inventory Reporting Format                    | Threshold level                            | Residuals/Impurities                                          | <i>All Substances Above the Threshold Indicated Are:</i><br>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>% weight and role provided for all substances.</i><br>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>All substances screened using Priority Hazard Lists with results disclosed.</i><br>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No<br><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i> |
| <input type="radio"/> Nested Materials Method | <input type="radio"/> 100 ppm              | <input checked="" type="radio"/> Considered                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <input checked="" type="radio"/> Basic Method | <input checked="" type="radio"/> 1,000 ppm | <input type="radio"/> Partially Considered                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Threshold Disclosed Per                       | <input type="radio"/> Per GHS SDS          | <input type="radio"/> Not Considered                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <input type="radio"/> Material                | <input type="radio"/> Other                | Explanation(s) provided for Residuals/Impurities?             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <input checked="" type="radio"/> Product      |                                            | <input checked="" type="radio"/> Yes <input type="radio"/> No |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

GREENSCREEN® [ STEEL MANUFACTURE, CHEMICALS LT-UNK  
UNDISCLOSED CHEMICAL LT-P1 | END UNDISCLOSED CHEMICAL  
LT-UNK UNS Z35531 ZINC ALLOY LT-P1 | AQU | END | MUL | PHY  
POLYETHYLENE LT-UNK UNDISCLOSED CHEMICAL LT-1 | CAN | END  
UNDISCLOSED CHEMICAL LT-UNK UNDISCLOSED CHEMICAL BM-2 |  
CAN UNDISCLOSED CHEMICAL LT-1 | MUL | MAM | RES | SKI | GEN |  
EYE UNDISCLOSED CHEMICAL BM-2 UNDISCLOSED CHEMICAL  
NoGS UNDISCLOSED CHEMICAL NoGS UNDISCLOSED CHEMICAL  
NoGS UNDISCLOSED CHEMICAL NoGS UNDISCLOSED CHEMICAL  
NoGS ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen

Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

greenscreen® worked with the 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 1,000 ppm threshold.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: No VOC Certification

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

|                                     |                           |                            |
|-------------------------------------|---------------------------|----------------------------|
| Third Party Verified?               | PREPARER: ToxServices LLC | SCREENING DATE: 2021-06-17 |
| <input type="radio"/> Yes           | VERIFIER:                 | PUBLISHED DATE: 2021-07-06 |
| <input checked="" type="radio"/> No | VERIFICATION #:           | EXPIRY DATE: 2024-06-17    |

*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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

**GREENSCREEN®**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

**RESIDUALS AND IMPURITIES NOTES:** greenscreen® worked with the 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 1,000 ppm threshold.

OTHER PRODUCT NOTES:

## STEEL MANUFACTURE, CHEMICALS

ID: 65997-19-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-17 9:28:08**

%: 92.8000 - 96.7600      GS: LT-UNK      RC: None    NANO: No    SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

## WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**

**UNDISCLOSED CHEMICAL**

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-06-17 9:44:02

%: 0.6500 - 1.3100      GS: LT-P1      RC: None      NANO: No      SUBSTANCE ROLE: Coating

HAZARD TYPE

AGENCY AND LIST TITLES

## WARNINGS

END

## EU - Priority Endocrine Disruptors

### Category 1 - In vivo evidence of Endocrine Disruption Activity

**SUBSTANCE NOTES:** The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

**UNDISCLOSED CHEMICAL**

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-06-17 9:48:08

%: 0.2000 - 0.4600      GS: LT-UNK      RC: None      NANO: No      SUBSTANCE ROLE: Coating

HAZARD TYPE

AGENCY AND LIST TITLES

## WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

|                                                                       |                                             |                                                                                      |                                                                            |
|-----------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2021-06-17 9:31:28</b>                                     |                                                                            |
| %: <b>0.1700 - 5.7700</b>                                             |                                             | GS: <b>LT-P1</b>                                                                     | RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES                      | WARNINGS                                                                             |                                                                            |
| AQU                                                                   | EU - GHS (H-Statements)                     | H400 - Very toxic to aquatic life                                                    |                                                                            |
| AQU                                                                   | EU - GHS (H-Statements)                     | H410 - Very toxic to aquatic life with long lasting effects                          |                                                                            |
| END                                                                   | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                        |                                                                            |
| MUL                                                                   | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                           |                                                                            |
| PHY                                                                   | EU - GHS (H-Statements)                     | H250 - Catches fire spontaneously if exposed to air                                  |                                                                            |
| PHY                                                                   | EU - GHS (H-Statements)                     | H260 - In contact with water releases flammable gases which may ignite spontaneously |                                                                            |
| SUBSTANCE NOTES:                                                      |                                             |                                                                                      |                                                                            |

POLYETHYLENE

|                                                                       |                        |                                                  |                                                                            |
|-----------------------------------------------------------------------|------------------------|--------------------------------------------------|----------------------------------------------------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2021-06-17 9:50:04</b> |                                                                            |
| %: <b>0.1200 - 0.3500</b>                                             |                        | GS: <b>LT-UNK</b>                                | RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES | WARNINGS                                         |                                                                            |
| None found                                                            |                        | No warnings found on HPD Priority Hazard Lists   |                                                                            |
| SUBSTANCE NOTES:                                                      |                        |                                                  |                                                                            |

UNDISCLOSED CHEMICAL

|                                                                                                                                                                                                                                                                                                  |                                       |                                                                                                      |                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                            |                                       | HAZARD SCREENING DATE: <b>2021-06-17 10:41:39</b>                                                    |                                                                            |
| %: <b>0.0000 - 0.7800</b>                                                                                                                                                                                                                                                                        |                                       | GS: <b>LT-1</b>                                                                                      | RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                                                      | AGENCY AND LIST TITLES                | WARNINGS                                                                                             |                                                                            |
| CAN                                                                                                                                                                                                                                                                                              | EU - GHS (H-Statements)               | H351 - Suspected of causing cancer                                                                   |                                                                            |
| 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                     |                                                                            |
| SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. |                                       |                                                                                                      |                                                                            |

UNDISCLOSED CHEMICAL

ID: Undisclosed

|                                                                                                                                                                                                                                                                                                  |                        |                                                |          |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------|----------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library                                                                                                                                                                                                                                   |                        | HAZARD SCREENING DATE: 2021-06-17 10:47:49     |          |                         |
| %: 0.0000 - 0.7000                                                                                                                                                                                                                                                                               | GS: LT-UNK             | RC: None                                       | NANO: No | SUBSTANCE ROLE: Coating |
| HAZARD TYPE                                                                                                                                                                                                                                                                                      | AGENCY AND LIST TITLES | WARNINGS                                       |          |                         |
| None found                                                                                                                                                                                                                                                                                       |                        | No warnings found on HPD Priority Hazard Lists |          |                         |
| SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. |                        |                                                |          |                         |

UNDISCLOSED CHEMICALID: Undisclosed

|                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                                                                                  |          |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------|----------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library                                                                                                                                                                                                                                                                                                                                      |                        | HAZARD SCREENING DATE: 2021-06-17 10:49:39                                       |          |                         |
| %: 0.0000 - 0.7100                                                                                                                                                                                                                                                                                                                                                                                  | GS: BM-2               | RC: None                                                                         | NANO: No | SUBSTANCE ROLE: Coating |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                         | AGENCY AND LIST TITLES | WARNINGS                                                                         |          |                         |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                 | MAK                    | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |          |                         |
| SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. 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-2 was provided through the HPD 2.2 Builder Tool. |                        |                                                                                  |          |                         |

UNDISCLOSED CHEMICALID: Undisclosed

|                                                                |          |                                            |          |                         |
|----------------------------------------------------------------|----------|--------------------------------------------|----------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |          | HAZARD SCREENING DATE: 2021-06-17 10:59:47 |          |                         |
| ?: 0.0000 - 0.1500                                             | GS: LT-1 | RC: None                                   | NANO: No | SUBSTANCE ROLE: Coating |

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS                                                                                 |
|-------------|---------------------------------------------|------------------------------------------------------------------------------------------|
| MUL         | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                     |
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                        |
| MAM         | EU - GHS (H-Statements)                     | H301 - Toxic if swallowed                                                                |
| MAM         | EU - GHS (H-Statements)                     | H331 - Toxic if inhaled                                                                  |
| RES         | AOEC - Asthmagens                           | Asthmagen (Rs) - sensitizer-induced                                                      |
| RES         | MAK                                         | Sensitizing Substance Sah - Danger of airway & skin sensitization                        |
| SKI         | EU - GHS (H-Statements)                     | H317 - May cause an allergic skin reaction                                               |
| GEN         | EU - GHS (H-Statements)                     | H340 - May cause genetic defects                                                         |
| GEN         | EU - REACH Annex XVII CMRs                  | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man |
| GEN         | EU - Annex VI CMRs                          | Mutagen - Category 1B                                                                    |
| EYE         | EU - GHS (H-Statements)                     | H318 - Causes serious eye damage                                                         |
| GEN         | EU - SVHC Authorisation List                | Mutagenic - Candidate list                                                               |
| GEN         | GHS - Korea                                 | Germ cell mutagenicity - Category 1 [H340 - May cause genetic defects]                   |
| GEN         | GHS - New Zealand                           | 6.6A - Known or presumed human mutagens                                                  |
| GEN         | GHS - Japan                                 | Germ cell mutagenicity - Category 1B [H340]                                              |

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL

ID: **Undisclosed**

|                          |                                       |                        |                     |                         |  |
|--------------------------|---------------------------------------|------------------------|---------------------|-------------------------|--|
| HAZARD SCREENING METHOD: | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: | 2021-06-17 11:10:34 |                         |  |
| %: 0.0000 - 0.4400       | GS: BM-2                              | RC: None               | NANO: No            | SUBSTANCE ROLE: Coating |  |

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

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. 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-2 was provided through the HPD 2.2 Builder Tool.

UNDISCLOSED CHEMICAL

ID: **Undisclosed**

|                          |                                       |                        |                    |                         |  |
|--------------------------|---------------------------------------|------------------------|--------------------|-------------------------|--|
| HAZARD SCREENING METHOD: | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: | 2021-06-21 9:11:06 |                         |  |
| %: 0.0000 - 1.3600       | GS: NoGS                              | RC: None               | NANO: No           | SUBSTANCE ROLE: Coating |  |

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

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL

ID: Undisclosed

|                                                                |                        |                                           |                                                |                         |
|----------------------------------------------------------------|------------------------|-------------------------------------------|------------------------------------------------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2021-06-21 9:13:45 |                                                |                         |
| ?: 0.0000 - 1.7500                                             | GS: NoGS               | RC: None                                  | NANO: No                                       | SUBSTANCE ROLE: Coating |
| HAZARD TYPE                                                    | AGENCY AND LIST TITLES |                                           | WARNINGS                                       |                         |
| None found                                                     |                        |                                           | No warnings found on HPD Priority Hazard Lists |                         |

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL

ID: Undisclosed

|                                                                |                        |                                           |                                                |                         |
|----------------------------------------------------------------|------------------------|-------------------------------------------|------------------------------------------------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2021-06-21 9:15:48 |                                                |                         |
| ?: 0.0000 - 0.2800                                             | GS: NoGS               | RC: None                                  | NANO: No                                       | SUBSTANCE ROLE: Coating |
| HAZARD TYPE                                                    | AGENCY AND LIST TITLES |                                           | WARNINGS                                       |                         |
| None found                                                     |                        |                                           | No warnings found on HPD Priority Hazard Lists |                         |

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL

ID: Undisclosed

|                                                                |                        |                                           |                                                |                         |
|----------------------------------------------------------------|------------------------|-------------------------------------------|------------------------------------------------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2021-06-21 9:16:39 |                                                |                         |
| ?: 0.0000 - 0.2400                                             | GS: NoGS               | RC: None                                  | NANO: No                                       | SUBSTANCE ROLE: Coating |
| HAZARD TYPE                                                    | AGENCY AND LIST TITLES |                                           | WARNINGS                                       |                         |
| None found                                                     |                        |                                           | No warnings found on HPD Priority Hazard Lists |                         |

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL

ID: Undisclosed

|                                                                |                        |                                            |                                                |                         |
|----------------------------------------------------------------|------------------------|--------------------------------------------|------------------------------------------------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2021-06-21 13:15:11 |                                                |                         |
| ?: 0.0000 - 1.9900                                             | GS: NoGS               | RC: None                                   | NANO: No                                       | SUBSTANCE ROLE: Coating |
| HAZARD TYPE                                                    | AGENCY AND LIST TITLES |                                            | WARNINGS                                       |                         |
| None found                                                     |                        |                                            | No warnings found on HPD Priority Hazard Lists |                         |

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.



### 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                           | No VOC Certification |              |                       |
|-----------------------------------------|----------------------|--------------|-----------------------|
| CERTIFYING PARTY: Self-declared         | ISSUE DATE: 2021-06- | EXPIRY DATE: | CERTIFIER OR LAB: N/A |
| APPLICABLE FACILITIES: N/A              | 17                   |              |                       |
| CERTIFICATE URL:                        |                      |              |                       |
| CERTIFICATION AND COMPLIANCE NOTES: N/A |                      |              |                       |

### 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

greenscreen® worked with the 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 1,000 ppm threshold.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** GreenScreen  
**ADDRESS:** 725 S. Figueroa St.  
 Suite 1825  
 Los Angeles CA 90017, United States  
**WEBSITE:** www.greenscreen.com

**CONTACT NAME:** Charlene Mortale  
**TITLE:** Division Vice President, Project Management LEED AP  
**BD+C**  
**PHONE:** 310.853.7131  
**EMAIL:** charlene@greenscreen.com

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

**KEY**
**Hazard Types**

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

**GreenScreen (GS)**

|                                                                     |                                                                                                                                                                                                                                |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)                                                                                                                                                                             |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      |                                                                                                                                                                                                                                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |                                                                                                                                                                                                                                |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                                                                                                                                                                                |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      | <b>NoGS</b> No GreenScreen.                                                                                                                                                                                                    |

**Recycled Types**

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

**Other Terms:**

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

**Inventory Methods:**

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

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

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