

HPD UNIQUE IDENTIFIER: 30552

CLASSIFICATION: 09 77 53 Vegetated Wall Systems

PRODUCT DESCRIPTION: Garden On The Wall offers a wide range of custom designed garden installations, created with all natural preserved plants. These long-lasting, maintenance-free gardens require no water, misting or irrigation, no light, and no soil – but retain a vibrant, fresh-cut look and feel for up to 10 years. This HPD covers Garden On The Wall’s Preserved Wall Garden System using 1/4" thick plywood.

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:
<input checked="" type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	Completed in 3 of 3 Materials	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input checked="" type="radio"/> Yes <input type="radio"/> No	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other		<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product			Identified <input type="radio"/> Yes <input checked="" type="radio"/> No
			<i>Provided name and CAS RN or other identifier.</i>

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

1/4" MAPLE PLYWOOD [SOYBEAN MEAL LT-UNK POLYVINYL ACETATE LT-UNK ADIPIC ACID/EPOXYPROPYL DIETHYLENETRIAMINE COPOLYMER LT-UNK POTASSIUM PHOSPHATE, MONOBASIC LT-UNK EYE MAGNESIUM OXIDE BM-3dg | CAN SODIUM TETRABORATE PENTAHYDRATE LT-1 | REP | MUL | EYE | MAM GLYCERIN LT-UNK STARCH LT-UNK MAPLE] ADHESIVE [WATER NoGS UNDISCLOSED LT-UNK | CAN STYRENE BUTADIENE RUBBER (BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE) LT-UNK UNDISCLOSED NoGS DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI), CONTAINING LESS THAN 3% DMSO AS MEASURED BY IP 346 LT-P1 | PBT | CAN | SKI | DEV UREA LT-UNK | EYE QUARTZ BM-1* | CAN | MAM | GEN TITANIUM DIOXIDE LT-1* | CAN | END | MAM] PRESERVED PLANTS [UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 UNDISCLOSED NoGS UNDISCLOSED LT-UNK | EYE ASPARAGUS SPP. BEECH TREE FERN CALIFORNIA FAN PALM ARBORVITAE OAK POPLAR BABY'S BREATH GYNERIUM PITTOSPORUM EUCALYPTUS SPP. AMARANTH RED ALISIER ENGLISH IVY PEPPERTREE SALAL BEAR GRASS MAIDENHAIR FERN WHITE DOGWOOD THEOPHRASTUS DATE PALM MOSS]

Number of Greenscreen BM-4/BM3 contents ... 1

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [BiologicalMaterial]

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.3, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product system, as well as the role and percent by weight. Substances not "Identified" are those considered proprietary to suppliers.

*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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario

Biobased content: ASTM D6866-11 Standard Test Methods for Determining the Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon Analysis

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

☐ Yes☒ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-11-04

PUBLISHED DATE: 2022-11-04

EXPIRY DATE: 2025-11-04

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

1/4" MAPLE PLYWOOD

?: 47.7000 - 56.5000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Wood or Lumber

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Plywood backer board to which preserved plants are attached. Percent range given for material due to the various plant species and densities available for this wall garden system. Standard plywood product used by Garden On the Wall: 1/4" PureBond Maple Plywood by Columbia Forest Products. FSC Chain of Custody available. CDPH Standard Method V1.2 Compliant. Declare label available at: <https://declare.living-future.org/products/purebond-decorative-domestic-veneer-core-interior-hardwood-plywood-unfinished>

MAPLE

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

?: 90.0000 - 95.0000 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: Acer sp.

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.

SOYBEAN MEAL

ID: 68308-36-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-11-04 14:58:55

?: 4.0000 - 5.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

AGENCY

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

POLYVINYL ACETATE

ID: 9003-20-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:56		
?: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

ADIPIC ACID/EPOXYPROPYL DIETHYLENETRIAMINE COPOLYMER

ID: 25212-19-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:57		
?: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Core Restrictions	
SUBSTANCE NOTES: Synonym: Hexanedioic acid, polymer with N-(2-aminoethyl)-1,2-ethanediamine and (chloromethyl)oxirane				

POTASSIUM PHOSPHATE, MONOBASIC

ID: 7778-77-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:57		
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Buffer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

MAGNESIUM OXIDE

ID: 1309-48-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:58		
?: 0.1000 - 1.0000	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern
SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-3dg was provided by the HPD Builder Tool. Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).		

SODIUM TETRABORATE PENTAHYDRATE

ID: 12179-04-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-11-04 14:59:00

%: 0.0000 - 0.1000

GreenScreen: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Antimicrobial Pesticide

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REP	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
REP	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
REP	GHS - New Zealand	Reproductive toxicity category 2

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Yellow Triangle - best available in class but some hazard profile issues
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals Priority for Inclusion in the Living Building Challenge Red List
SUBSTANCE NOTES:		

GLYCERIN

ID: 56-81-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:59:00		
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
POSITIVE LIST	US Environmental Protection Agency (US EPA)		US EPA - DfE SCIL Green Circle - Verified Low Concern	
SUBSTANCE NOTES:				

STARCH

ID: 9005-25-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:59:01		
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern
SUBSTANCE NOTES:		

ADHESIVE

%: 24.3000 - 30.0000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Used to affix preserved plants to backer board. Solvent-free adhesive with <1 g/L VOC. CRI Green Label Plus. Percent range given for material due to the various plant species and densities available for this wall garden system. Percent range given for substances as requested by supplier.

WATER

ID: 7782-18-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-11-04 14:58:52

%: 30.0000 - 35.0000 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Solvent

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

AGENCY

NOTIFICATION

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-4 was provided by the HPD Builder Tool.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-11-04 14:58:53

%: 25.0000 - 30.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CAN MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

ADDITIONAL LISTINGS

AGENCY

NOTIFICATION

POSITIVE LIST US Environmental Protection Agency (US EPA) US EPA - DfE SCIL

Green Circle - Verified Low Concern

SUBSTANCE NOTES: Substance to remain proprietary to Supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

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

ID: 9003-55-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:53		
%: 20.0000 - 25.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:54		
%: 5.0000 - 10.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Tackifier
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Substance to remain proprietary to Supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.				

DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI), CONTAINING LESS THAN 3% DMSO AS MEASURED BY IP 346

ID: 64742-52-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:55		
%: 3.0000 - 7.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Defoamer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
DEV	GHS - Australia	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

UREA

ID: 57-13-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:56		
%: 1.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Anti-freeze
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL		
		Green Circle - Verified Low Concern		
SUBSTANCE NOTES:				

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:59:02		
%: Impurity/Residual	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	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	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	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Potential impurity of Inert Filler. GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool.

**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.

TITANIUM DIOXIDE		ID: 13463-67-7		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:59:02		
%: Impurity/Residual	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	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	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]**
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen**
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products

SUBSTANCE NOTES: Potential impurity of Inert Filler.

****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.

PRESERVED PLANTS	%: 19.3000 - 22.3000	
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other Biological Material
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS, based on supplier disclosures and as predicted by process chemistry (Pharos CML).		
OTHER MATERIAL NOTES: Percent range given for material due to the various plant species and densities available for this wall garden system.		

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:52		
%: 68.3000 - 71.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Antimicrobial Pesticide
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
POSITIVE LIST	US Environmental Protection Agency (US EPA)		US EPA - DfE SCIL Green Half-Circle - Expected Low Concern	
SUBSTANCE NOTES: Plant preservative. Substance to remain proprietary to Supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.				

ASPARAGUS SPP.

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Live plants				
INGREDIENT DESCRIPTION: A. retrofractus, A. macowanii, A. densiflorus				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

BEECH

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Live plants				
INGREDIENT DESCRIPTION: Fagus spp.				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

TREE FERN

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
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%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Live plants				
INGREDIENT DESCRIPTION: Cyanthea spp.				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

CALIFORNIA FAN PALM				ID: Biological Material
HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Live plants				
INGREDIENT DESCRIPTION: Washingtonia filifera				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

ARBORVITAE				ID: Biological Material
HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Live plants				
INGREDIENT DESCRIPTION: Thuja occidentalis				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

OAK				ID: Biological Material
HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Quercus spp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

POPLAR

ID: **Biological Material**

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

?: 0.0000 - 30.0000 GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Biological material**

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Populus spp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

BABY'S BREATH

ID: **Biological Material**

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

?: 0.0000 - 30.0000 GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Biological material**

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Gypsophila spp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

GYNERIUM

ID: **Biological Material**

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

?: 0.0000 - 30.0000 GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Biological material**

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Gynerium spp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

PITTOSPORUM

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 0.0000 - 30.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Biological material

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Pittosporum spp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

EUCALYPTUS SPP.

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 0.0000 - 30.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Biological material

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: E. cinerea, E. gunnii, E. nicholii, E. parvula

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

AMARANTH

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 0.0000 - 30.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Biological material

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Amaranthus spp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

RED ALISIER

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 0.0000 - 30.0000

GreenScreen: Not Required

RC: None

NANO: No

MATERIAL ROLE: Biological material

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Sorbus sp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

ENGLISH IVY

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 0.0000 - 30.0000

GreenScreen: Not Required

RC: None

NANO: No

MATERIAL ROLE: Biological material

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Hedera helix, Hedera arborea

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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.

PEPPERTREE

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 0.0000 - 30.0000

GreenScreen: Not Required

RC: None

NANO: No

MATERIAL ROLE: Biological material

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Schinus sp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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: [HPDC Special Conditions Policy](#)

%: 0.0000 - 30.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Biological material

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Gaultheria shallon

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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: [HPDC Special Conditions Policy](#)

%: 0.0000 - 30.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Biological material

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Xerophyllum tenax

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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: [HPDC Special Conditions Policy](#)

%: 0.0000 - 30.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Biological material

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

BIOLOGICAL MATERIALS CATEGORY: Live plants

INGREDIENT DESCRIPTION: Adiantum sp.

MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.

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: [HPDC Special Conditions Policy](#)

%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Live plants				
INGREDIENT DESCRIPTION: Helichrysum diosmi				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

THEOPHRASTUS DATE PALM				ID: Biological Material
HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Live plants				
INGREDIENT DESCRIPTION: Phoenix sp.				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

MOSS			ID: Biological Material	
HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 0.0000 - 30.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Plant-based materials				
INGREDIENT DESCRIPTION: Bryophyta (flat moss, pole moss, ball moss)				
MATERIAL CONTENT NOTES: Percent range given due to various plant species and densities available.				
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.				

UNDISCLOSED				ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:59			
%: 0.0000 - 0.3800	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
SUBSTANCE NOTES: Substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.		

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:58:59		
%: 0.0000 - 0.2500	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:59:03		
%: 0.0000 - 0.0600	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-11-04 14:59:04		
%: 0.0000 - 0.0300	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL
		Green Circle - Verified Low Concern
SUBSTANCE NOTES: Substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.		

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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-08-19	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Livingston, NJ USA	EXPIRY DATE:	Environment
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Test Report No: 1001007470-3214176. Test Results Comparison To Standard Criteria: Classroom - Individual VOC and Formaldehyde: COMPLIANT; TVOC 0.5mg/m3 or less; Office - Individual VOC and Formaldehyde: COMPLIANT. TVOC: 0.5-5.0 mg/m3.		
BIOBASED CONTENT		ASTM D6866-11 Standard Test Methods for Determining the Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon Analysis
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-06-27	CERTIFIER OR LAB: Beta Analytic
APPLICABLE FACILITIES: Livingston, NJ USA	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 449490561622110631. Sample: Preserved plants. Result: 100% Biobased Carbon Content.		

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.

MOUNTING HARDWARE
MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Used to mount Garden On The Wall's Preserved Wall Garden Systems.
STYROFOAM® FLORAL FOAM
MANUFACTURER (OR GENERIC): Dow Chemical Company
HPD URL: No HPD available
ACCESSORY TYPE: Other
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Product Safety Assessment for this product can be found at: http://ow.ly/hWla30nWLGP

Section 5: General Notes

Various options are available for Garden On The Wall's Preserved Wall Garden Systems, including the species and density of preserved plants, type and flame resistance of backer board, and even the adhesive used to affix the preserved plants to the backer board. The HPDs published by Garden On The Wall reflect the options most commonly used in our Preserved Wall Garden Systems.

MANUFACTURER INFORMATION

MANUFACTURER: Garden On The Wall
ADDRESS: 5 Washington Court
 Livingston NJ 07039, USA
WEBSITE: www.gardenonthewall.com

CONTACT NAME: Miné Hisim
TITLE: Architectural Sales Manager
PHONE: 888-234-3392
EMAIL: mine@gardenonthewall.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

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U 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, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

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

Other Terms:

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

Inventory Methods:

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

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

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