

CLASSIFICATION: 06 42 00.00

PRODUCT DESCRIPTION: Plyboo Prefinished Bamboo Edge/Flat Grain Ultra Low Emitting Plywood

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

Threshold Disclosed Per

- Material
 Product

Threshold level

- 100 ppm
 1,000 ppm
 Per GHS SDS
 Per OSHA MSDS
 Other

Residuals/Impurities

- Considered
 Partially Considered
 Not Considered

Explanation(s) provided for Residuals/Impurities?
 Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

PLYBOO PREFINISHED BAMBOO EDGE/ FLAT GRAIN PLYWOOD [MOSO BAMBOO NoGS NONANAL (PRIMARY CASRN IS 124-19-6) LT-P1 | MUL PENTANE LT-P1 | AQU | PHY | MAM | MUL FORMALDEHYDE BM-1 | RES | CAN | MAM | SKI | GEN | MUL | END ACETALDEHYDE BM-1 | CAN | PHY | EYE | GEN | MUL | END | REP 2-ETHOXYETHYL ACETATE LT-1 | DEL | REP | MUL | END 2-OCTENAL LT-UNK 1,2-PROPANEDIOL NoGS 2-BUTANONE, 1-HYDROXY- LT-UNK METHYL PYRROLIDONE BM-1 | DEL | REP | SKI | EYE | MUL | END 2-ETHOXYETHYL ACETATE LT-1 | DEL | REP | MUL | END 2-ETHYLHEXANOIC ACID LT-P1 | DEL | END | REP 2-UNDECENAL LT-UNK ACETIC ACID 30% LT-UNK | RES | SKI VALERALDEHYDE LT-UNK HEXANAL LT-P1 | END HEXANOIC ACID LT-UNK]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Microgram per meter cubed

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: NPI Volatile Organic Compound Definition, Version 2.6, March 2009

LCA: ISO 14040:2006 Environmental management -- Life cycle assessment

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-03-02

PUBLISHED DATE: 2020-03-02

EXPIRY DATE: 2023-03-02



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

PLYBOO PREFINISHED BAMBOO EDGE/ FLAT GRAIN PLYWOOD

PRODUCT THRESHOLD: **Other**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Product Threshold's stated in Micrograms per meter cubed**

OTHER PRODUCT NOTES:

MOSO BAMBOO

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **97.00 - 98.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Face and Core material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

NONANAL (PRIMARY CASRN IS 124-19-6)

ID: **918959-88-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 1.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **11.2 micrograms per meter cubed**

PENTANE

ID: **109-66-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 1.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: 10 micrograms per meter cubed

FORMALDEHYDE

ID: 50-00-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 1.00**

GS: **BM-1**

RC: **None**

NANO: **No**

ROLE: **Adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CANCER	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: 15.8 micrograms per meter cubed

ACETALDEHYDE

ID: 75-07-0

#: **0.00 - 1.00** GS: **BM-1** RC: **None** NANO: **No** ROLE: **adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H224 - Extremely flammable liquid and vapour
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	GHS - New Zealand	6.6A - Known or presumed human mutagens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Japan	Carcinogenicity - Category 1B [H350]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: **62.8 micrograms per meter cubed**

2-ETHOXYETHYL ACETATE

ID: **111-15-9**

#: **0.00 - 1.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Unknown**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
DEVELOPMENTAL	MAK	Pregnancy Risk Group B
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	GHS - Malaysia	H360Fd - May damage fertility. Suspected of damaging the unborn child
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES: 8.8 micrograms per meter cubed

2-OCTENAL

ID: 2363-89-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 1.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **unknown**

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

SUBSTANCE NOTES: 9.5 micrograms per meter cubed

1,2-PROPANEDIOL

ID: 4254-14-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 1.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: 97.9 microgram per meter cubed

2-BUTANONE, 1-HYDROXY-

ID: 5077-67-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

?: **0.00 - 1.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: 6.3 micrograms per meter cubed

METHYL PYRROLIDONE

ID: 51013-18-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

?: **0.00 - 1.00**

GS: **BM-1**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H360D - May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
REPRODUCTIVE	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
DEVELOPMENTAL	GHS - Australia	H360D - May damage the unborn child

SUBSTANCE NOTES: 19.4 micrograms per meter cubed

2-ETHOXYETHYL ACETATE

ID: 111-15-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 1.00**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
DEVELOPMENTAL	MAK	Pregnancy Risk Group B
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	GHS - Malaysia	H360Fd - May damage fertility. Suspected of damaging the unborn child
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES: 8.8 micrograms per meter cubed

2-ETHYLHEXANOIC ACID

ID: 149-57-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 1.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: 29.8 microgram per meter cubed

2-UNDECENAL

ID: 2463-77-6

%: **0.00 - 1.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **4.6 micrograms per meter cubed****ACETIC ACID 30%**ID: **64-19-7**%: **0.00 - 1.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY**AOEC - Asthmagens****Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced****SKIN IRRITATION****EU - GHS (H-Statements)****H314 - Causes severe skin burns and eye damage**SUBSTANCE NOTES: **31.2 micrograms per meter cubed****VALERALDEHYDE**ID: **110-62-3**%: **0.00 - 1.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **34.5 micrograms per meter cubed****HEXANAL**ID: **66-25-1**%: **0.00 - 1.00**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**SUBSTANCE NOTES: **208 micrograms per meter cubed****HEXANOIC ACID**ID: **142-62-1**

#: **0.00 - 1.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **unknown**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **105 micrograms per meter cubed**

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

NPI Volatile Organic Compound Definition, Version 2.6, March 2009

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2020-**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkeley**

APPLICABLE FACILITIES: **815 Harbour Way South
Suite 6 Richmond, CA 94804**

02-10

Analytical

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **ASTM D5116 (Small Chamber)**

LCA

ISO 14040:2006 Environmental management -- Life cycle assessment

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE: **2022-**

CERTIFIER OR LAB: **ASTM**

APPLICABLE FACILITIES: **ASTM International**

10-18

10-18

International

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **EPD Registration Number EPD 072**

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

Plyboo Prefinished Bamboo Edge /Flat Grain Ultra Low Emitting Plywood Plyboo Plywood , Plyboo Realcore Sku's include BP-V4896A-ULEF-P, BP-V4896N-ULEF-P, BP-48986A-ULEF-P, BP-4896N-ULEF-P, BP-V4896A/RC-ULEF-P, BP-V4896N/RC-ULEF-P BP-V4896RA/RC-ULEF-P, BP-V4896RN/RC-ULEF-P, BP-V4896FFA-ULEF-P, BP-V4896FFN-ULEF-P BP-V154896A/RC-ULEF-P, BP-V154896N/RC-ULEF-P, BP-S154896VA-ULEF-P, BP-S154896VN-ULEF-P BP-V1296A-ULEF-P, BP-V1296N-ULEF-P, BP-1296A-ULEF-P, BP-1296N-ULEF-P BP-V1496A-ULEF-P, BP-V1496N-ULEF-P, BP-1496A-ULEF-P, BP-1496N-ULEF-P BP-S4896VA-ULEF-P, BP-S4896VN-ULEF-P BP-S1530120VA-ULEF-P, BP-S1530120VN-ULEF-P, BP-S30120VA-ULEF-P, BP-S30120VN-ULEF-P



MANUFACTURER INFORMATION

MANUFACTURER: **Smith & Fong Co**
 ADDRESS: **394 Bel Marin Keys Blvd**
Suite 6
Novato California 94949, USA
 WEBSITE: **www.plyboo.com**

CONTACT NAME: **Stacy Willard**
 TITLE: **COO**
 PHONE: **14158960577**
 EMAIL: **stacy@plyboo.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

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.