

HPD UNIQUE IDENTIFIER: 24181

CLASSIFICATION: 06 42 00 Wood Paneling

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
- Other

Residuals/Impurities

- Completed
- Partially Completed
- Not Completed

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

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

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 2-ETHOXYETHYL ACETATE LT-1 | END | REP | DEV | MUL PENTANE LT-P1 | AQU | MUL | MAM | PHY NONANAL (PRIMARY CASRN IS 124-19-6) LT-P1 | MUL HEXANOIC ACID LT-UNK HEXANAL LT-P1 | END VALERALDEHYDE LT-UNK ACETIC ACID 30% Not Screened | SKI | RES 2-UNDECENAL LT-UNK 2-ETHYLHEXANOIC ACID LT-P1 | END | DEV | REP METHYL PYRROLIDONE BM-1 | END | REP | MUL | SKI | EYE | DEV 2-BUTANONE, 1-HYDROXY- LT-UNK 1,2-PROPANEDIOL NoGS 2-OCTENAL LT-UNK 2-ETHOXYETHYL ACETATE LT-1 | END | REP | DEV | MUL ACETALDEHYDE BM-1 | CAN | END | MUL | GEN | EYE | REP | PHY FORMALDEHYDE BM-1 | CAN | END | SKI | MUL | RES | MAM | GEN]

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

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

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: 2021-04-22

PUBLISHED DATE: 2021-03-23

EXPIRY DATE: 2024-04-22

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.hpdc-collaborative.org/hpd-2-3-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: 2021-02-11 6:11:04

#: 97.0000 - 98.0000 GS: NoGS 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: substrate, core

2-ETHOXYETHYL ACETATE

ID: 111-15-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-02-11 6:11:06

#: 0.0000 - 1.0000 GS: LT-1 RC: None NANO: No SUBSTANCE ROLE: Reagent

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

SUBSTANCE NOTES: 8.8 micrograms per meter cubed

PENTANE

ID: 109-66-0

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

SUBSTANCE NOTES: 10 micrograms per meter cubed

NONANAL (PRIMARY CASRN IS 124-19-6)

ID: 918959-88-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-02-11 6:11:04		
%: 0.0000 - 1.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Reagent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: 11.2 micrograms per meter cubed				

HEXANOIC ACID ID: **142-62-1**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-02-11 6:11:08		
%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Reagent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: 105 micrograms per meter cubed				

HEXANAL ID: **66-25-1**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-02-11 6:11:07		
%: 0.0000 - 1.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Reagent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SUBSTANCE NOTES: 208 micrograms per meter cubed				

VALERALDEHYDE ID: **110-62-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-02-11 6:11:07		
%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Reagent
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				

ACETIC ACID 30% ID: **64-19-7**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 0.0000 - 1.0000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Reagent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		
RES	AOEC - Asthmagens	Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced		
SUBSTANCE NOTES: 31.2 micrograms per meter cubed				

2-UNDECENAL

ID: 2463-77-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-11 6:11:07**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Reagent**

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

2-ETHYLHEXANOIC ACID

ID: 149-57-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-11 6:11:07**%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Reagent**

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

SUBSTANCE NOTES: 29.8 microgram per meter cubed

METHYL PYRROLIDONE

ID: 51013-18-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-11 6:11:06**%: **0.0000 - 1.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Reagent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS

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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REP	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEV	CA EPA - Prop 65	Developmental toxicity
DEV	EU - GHS (H-Statements)	H360D - May damage the unborn child
REP	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
REP	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
REP	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REP	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
DEV	GHS - Australia	H360D - May damage the unborn child
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REP	GHS - Japan	Toxic to reproduction - Category 1A [H360]

SUBSTANCE NOTES: 19.4 micrograms per meter cubed

2-BUTANONE, 1-HYDROXY-

ID: 5077-67-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-02-11 6:11:06		
#: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Reagent
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

1,2-PROPANEDIOL

ID: 4254-14-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-02-11 6:11:05		
#: 0.0000 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Reagent
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-OCTENAL

ID: 2363-89-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-11 6:11:05**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Reagent**

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

2-ETHOXYETHYL ACETATE

ID: 111-15-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-11 6:11:05**%: **0.0000 - 1.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Reagent**

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

SUBSTANCE NOTES: 8.8 micrograms per meter cubed

ACETALDEHYDE

ID: 75-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-11 6:11:05**%: **0.0000 - 1.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

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

SUBSTANCE NOTES: 62.8 micrograms per meter cubed

FORMALDEHYDE

ID: 50-00-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-11 6:11:04**

%: **0.0000 - 1.0000**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Adhesive**

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

SUBSTANCE NOTES: bonding agent
15.8 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 APPLICABLE FACILITIES: 815 Harbour Way South Suite 6 Richmond, CA 94804 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: ASTM D5116 (Small Chamber)	ISSUE DATE: 2020-02-10	EXPIRY DATE:	CERTIFIER OR LAB: Berkeley Analytical
VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Factory CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2020-08-05	EXPIRY DATE: 2022-08-05	CERTIFIER OR LAB: Berkeley Analytical
LCA	ISO 14040:2006 Environmental management -- Life cycle assessment		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: ASTM International CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: EPD Registration Number EPD 072	ISSUE DATE: 2017-10-18	EXPIRY DATE: 2022-10-18	CERTIFIER OR LAB: ASTM International

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 is used in the following products

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

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

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.