

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

ARAUCO- North America

151 Church Street, St., Stephen, NB, Canada

For the following product(s):

Wood, Plastic, and Composite Panels:
Prism TFL Particleboard

HPD Screening Date: 8/18/2017

Verification #: qGE-3357



The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

Verified Health Product Declaration

This validation conforms to the Health Product Declaration Open Standard, Version 2.1 (May 1, 2017).

Products have a complete, basic, product threshold HPD and have been validated for health hazard warnings at an inventory threshold of 100 ppm (0.01%). All substances above the threshold were characterized and screened only.

Registration # SCS-HPD-04862

Valid from: January 29, 2018 to August 18, 2020



A handwritten signature in black ink that reads "Stanley Mathuram".

Stanley Mathuram, PE, Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

CLASSIFICATION: 06 00 00 Wood, Plastics, and Composites

created via: HPDC Online Builder

PRODUCT DESCRIPTION: PRISM is a colorful laminate brand that has real character with a designer-friendly focus. Our spectrum of styles and textures will open your eyes to a bright new world of laminates! Authentic to the touch, with the benefits of value and durability, we're a smart surface that you can love. Our Exclusive Collection, targeting commercial and residential applications, consists of over 73 designs (Woodgrains, Abstracts & Specialty Solids) available only from PRISM. By managing our own inventories we maintain a current and balanced design offering and managed inventory that you can depend on. All of our designs are available in nine different textures across North America. We also offer an extensive Symmetry Program to make sure that you have what you need to get the job done! PRISM TFL is a decorative overlay that is permanently bonded to particleboard or MDF substrate and is suitable for vertical or low-impact horizontal applications. Specific substrates covered by this HPD are listed in Inventory and Screening Notes.

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

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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

ARAUCO NA PRISM TFL PARTICLEBOARD [CELLULOSE, MICROCRYSTALLINE NoGS MELAMINE-UREA-FORMALDEHYDE (MUF) LT-UNK MELAMINE FORMALDEHYDE (MELAMINE FORMALDEHYDE) LT-UNK UREA FORMALDEHYDE (UREA FORMALDEHYDE) LT-P1 | RES UNDISCLOSED CHEMICAL #3 LT-1 | CAN | MUL UNDISCLOSED CHEMICAL #4 BM-4 UREA LT-UNK UNDISCLOSED CHEMICAL #5 NoGS UNDISCLOSED CHEMICAL #6 lt-p1 | MAM | SKI | RES | END UREA FORMALDEHYDE LT-P1 | RES AMMONIUM SULFATE LT-P1 | END AMMONIUM CHLORIDE LT-P1 | MAM | EYE | END TITANIUM DIOXIDE LT-1 | CAN | END]

Number of Greenscreen BM-4/BM3 contents..... 1
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

This HPD includes the following substrates: Ultra Standard, Ultra Plus, Ultra Custom, Ultra Door Core, Ultra Mende, Ultra Moisture Resistant (MR), Duraflake Standard, Duraflake Plus, Duraflake High Plus, Duraflake Door Core, Duraflake for Mezzanine Decks (MZ), Duraflake Underlayment (UL). Ingredient names undisclosed on HPD are considered proprietary.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

Formaldehyde emissions: Formaldehyde Emissions Grademark Certification Program - Albany, OR
Formaldehyde emissions: Formaldehyde Emissions Grademark Certification Program - Moncure, NC (PB)
Formaldehyde emissions: Formaldehyde Emissions Grademark Certification Program - Bennettsville, SC (PB)
Formaldehyde emissions: Formaldehyde Emissions Grademark Certification Program - St. Stephen, NB (PB)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

PREPARER: Self-Prepared
VERIFIER: SCS Global Services

SCREENING DATE: 2017-08-18
PUBLISHED DATE: 2018-01-29

- Yes
- No

VERIFICATION #: qGE-3357

EXPIRY DATE: 2020-08-18

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

ARAUCO NA PRISM TFL PARTICLEBOARD

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Arauco worked with a Third Party HPD Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD.

OTHER PRODUCT NOTES:

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

#: 80.0000 - 92.0000 GS: NoGS RC: None NANO: No ROLE: Structural Component (Substrate), Paper (Laminate)

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

MELAMINE-UREA-FORMALDEHYDE (MUF)

ID: 25036-13-9

#: 2.0000 - 17.0000 GS: LT-UNK RC: None NANO: No ROLE: Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Resin

MELAMINE FORMALDEHYDE (MELAMINE FORMALDEHYDE)

ID: 9003-08-1

#: 0.6200 - 2.0800 GS: LT-UNK RC: None NANO: No ROLE: Laminate Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UREA FORMALDEHYDE (UREA FORMALDEHYDE)

ID: 9011-05-6

%: 0.4900 - 1.6600

GS: LT-P1

RC: None

NANO: No

ROLE: Laminate Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #3

ID: **Undisclosed**

%: 0.0500 - 0.6000

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Water Repellent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R45 - May cause cancer

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

RESTRICTED LIST

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #4

ID: **Undisclosed**

%: 0.0400 - 0.5000

GS: **BM-4**

RC: **None**

NANO: **No**

ROLE: **Water Repellent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD. The GreenScreen Benchmark® assessment score of BM-4 was provided through the HPD 2.1 Builder Tool.

UREA

ID: **57-13-6**

%: 0.0300 - 1.1000

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Scavenger**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #5

ID: **Undisclosed**

#: **0.0005 - 0.0500** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Water Repellent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #6

ID: **Undisclosed**

#: **0.0002 - 0.0150** GS: **It-p1** RC: **None** NANO: **No** ROLE: **Water Repellent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UREA FORMALDEHYDE

ID: **9011-05-6**

#: **0.0000 - 15.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Resin**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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SUBSTANCE NOTES:

AMMONIUM SULFATE

ID: **7783-20-2**

#: **0.0000 - 2.3000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Catalyst**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

AMMONIUM CHLORIDE

ID: 12125-02-9

#: **0.0000 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Catalyst**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

#: **0.0000 - 0.0500** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Laminate Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Only present in pigmented white products.

 **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.

FORMALDEHYDE EMISSIONS

Formaldehyde Emissions Grademark Certification Program - Albany, OR

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-06-07
EXPIRY DATE:
CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America- Albany, Oregon
CERTIFICATE URL:
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120. SCOPE OF CERTIFICATION: Particleboard (DRC, FRT and IND) (CARB Phase 2 – 0.09 ppm).

FORMALDEHYDE EMISSIONS **Formaldehyde Emissions Grademark Certification Program - Moncure, NC (PB)**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-06-09
EXPIRY DATE:
CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America- Moncure, North Carolina
CERTIFICATE URL:
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120. SCOPE OF CERTIFICATION: Particleboard (DR2 and IN5) (CARB Phase 2 – 0.09 ppm).

FORMALDEHYDE EMISSIONS **Formaldehyde Emissions Grademark Certification Program - Bennettsville, SC (PB)**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-06-09
EXPIRY DATE:
CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO NORTH AMERICA- Bennettsville, SC
CERTIFICATE URL:
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120; SCOPE OF CERTIFICATION: Particleboard (DR2 and INT) (CARB Phase 2 – 0.09 ppm) Mill

FORMALDEHYDE EMISSIONS **Formaldehyde Emissions Grademark Certification Program - St. Stephen, NB (PB)**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-06-09
EXPIRY DATE:
CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America - St. Stephen, New Brunswick (Particleboard)
CERTIFICATE URL:
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120. SCOPE OF CERTIFICATION: Particleboard (IN4, IN5, and IN6) (CARB Phase 2 – 0.09 ppm)

COMPOSITE WOOD **ECC - Eco-certified Composite Grademark Program - Albany, OR**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-05-18
EXPIRY DATE:
CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America - Albany, Oregon
CERTIFICATE URL:
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites ARAUCO NA Prism TFL Particleboard
hpdrepository.hpd-collaborative.org

(ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120; Scope of certification: Particleboard. Eco-attributes: Carbon Footprint; Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content.

COMPOSITE WOOD **ECC - Eco-certified Composite Grademark Program - Moncure, NC (PB)**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-05-18 EXPIRY DATE: CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: Arauco North America- Moncure, North Carolina
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites (ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120
SCOPE OF CERTIFICATION: Particleboard. ECO-ATTRIBUTES: Carbon Footprint; Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content; Responsible Wood Sourcing.

COMPOSITE WOOD **ECC - Eco-certified Composite Grademark Program - Bennettsville, SC (PB)**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-05-19 EXPIRY DATE: CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America - Bennettsville, South Carolina
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites (ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120; SCOPE OF CERTIFICATION: Particleboard. ECO-ATTRIBUTES: Carbon Footprint; Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content; Responsible Wood Sourcing

COMPOSITE WOOD **ECC - Eco-certified Composite Grademark Program - St. Stephen, NB (PB)**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2016-05-19 EXPIRY DATE: CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America - St. Stephen New Brunswick
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>
CERTIFICATION AND COMPLIANCE NOTES: Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites (ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120; SCOPE OF CERTIFICATION: Particleboard ECO-ATTRIBUTES: Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content; Responsible Wood Sourcing

MANAGEMENT **ISO 14001 – Environmental Management System and OHSAS 18001 – Safety Management System**

CERTIFYING PARTY: Third Party
ISSUE DATE: 2017-12-21 EXPIRY DATE: 2020-12-20 CERTIFIER OR LAB: Lloyd's Register Quality Assurance
APPLICABLE FACILITIES: Bennettsville, SC; Fort Mill, SC; Eugene, OR; Albany, OR; Malvern, AR; Sault Ste. Marie, ON; St. Stephen, NB; Moncure, NC; Biscoe, NC
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>

CERTIFICATION AND COMPLIANCE NOTES: Lloyd's Register Quality Assurance approved the above facilities to the ISO 14001:2004 and OHSAS 18001:2007 Management Systems. These Management Systems are applicable to the manufacturer of a diverse line of composite panel products.

OTHER

Forest Stewardship Council® - FSC Chain of Custody and Controlled Wood

CERTIFYING PARTY: Third Party

ISSUE DATE: 2013-09-

EXPIRY DATE: 2018-

CERTIFIER OR LAB: Rainforest

APPLICABLE FACILITIES: As a multi-site certificate, the activities and products included in the scope of this certificate are performed by a network of participating sites (all ARAUCO NA manufacturing facilities).

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Alliance

Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents and must be stated on the customer PO in order to receive as such.

CERTIFICATE URL:

<https://www.arauco.cl/na/sostenibilidad/certificaciones/>

CERTIFICATION AND COMPLIANCE NOTES: Certificate Type: Multi-site Chain of Custody and Controlled Wood; Standard(s): FSC-STD-40-003 V1-0; FSC-STD-40-004 V2-1; FSC-STD-40-005 V2-1; Product group(s): MDF, MDF with laminate; Particleboard, particleboard with laminate; Valid from 23 September 2013 to 22 September 2018; Certificate Registration Code: RA-COC-000444, RA-CW-000444; FSC License Code: FSC-C019364; Certificate Issue Number: IN-2015-1

+ 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.

E Section 5: General Notes

Ingredient percentages are expressed in terms of dry weight basis and represent average production values across multiple mills. Safety Data Sheets (SDS) in GHS format can be found at www.arauco.cl/na/. ToxServices LLC considered all residuals and impurities identified for the ingredients of this product. Trace levels of diethylene glycol and/or triethanolamine are present in Laminate resins MF and UF and may be present in the final product at levels greater than the 100 ppm (0.01%) assessment threshold. Prism TFL with the following substrates: Ultra Standard, Ultra Plus, Ultra Custom, Ultra Door Core, Ultra Mende, Ultra MR, Duraflake Standard, Duraflake Plus, Duraflake High Plus, Duraflake Door Core, Duraflake MZ, Duraflake DL, Duraflake U. Variations within group: These products are offered in a variety of thickness and panel sizes. Variations in dosing percentages for wood, resin and other additives are inherent due to process variation from mill to mill and optimization of recipes to achieve targeted performance properties of the panels. Basis weight of TFL papers varies in decorative offerings. TiO₂ is present in white offerings only.

MANUFACTURER INFORMATION

MANUFACTURER: **Arauco North America**
ADDRESS: **400 Perimeter Center Terrace, Suite 750**
Atlanta GA 30346, USA
WEBSITE: **<https://www.arauco.cl/na/>**

CONTACT NAME: **Kerry Little**
TITLE: **Corporate Sustainability Manager**
PHONE: **506-465-2975**
EMAIL: **kerry.little@arauco-na.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.