

CLASSIFICATION: 06 Wood and Plastic

PRODUCT DESCRIPTION: Echo Wood® reconstituted wood products echo nature's most desired and rare species without impacting the sustainability of these great forests. The use of common wood fiber from well managed, plantation grown and FSC® certified forests are used for the production of Echo Wood®. Reconstituted veneer provides the same look as the most expensive and rare woods. Echo Wood® provides the highest quality ARCHITECTURAL WOOD VENEERS, PANELS AND EDGE TAPE that are DEFECT FREE AND CONSISTENT IN COLOR AND GRAIN.

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

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

ECHO WOOD [WOOD FIBER - UNSPECIFIED NoGS FORMALDEHYDE LT-P1 | RES | MUL | CAN DYE - WATER BASED Not Screened]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The base material for Echo Wood® is either Ayous wood veneer (botanical name Triplochiton scleroxylon) or Basswood veneer (botanical name Tilia americana). Water based dyes low emitting urea formaldehyde glue - below the California Air Resources Board (CARB) or the EPA Toxic Substance Control Act (TSCA) Title VI formaldehyde emission standards

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: CARB Composite Wood ATCM CA 93120 Phase 2

VOC content: FSC Certification - Chain of Custody (COC)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-04-06

PUBLISHED DATE: 2020-04-13

EXPIRY DATE: 2023-04-06



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

ECHO WOOD

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities

OTHER PRODUCT NOTES:

WOOD FIBER - UNSPECIFIEDID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-06**

| | | | | |
|-------------------------|-----------------|-----------------|-----------------|---|
| %: 95.00 - 98.00 | GS: NoGS | RC: None | NANO: No | ROLE: Primary product to add color and grain |
|-------------------------|-----------------|-----------------|-----------------|---|

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

SUBSTANCE NOTES:

FORMALDEHYDEID: **104512-58-5**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-06**

| | | | | |
|-----------------------|------------------|-----------------|-----------------|----------------------------|
| %: 1.00 - 3.00 | GS: LT-P1 | RC: None | NANO: No | ROLE: Binding agent |
|-----------------------|------------------|-----------------|-----------------|----------------------------|

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|--|
| RESPIRATORY | AOEC - Asthmagens | Asthmagen (G) - generally accepted |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CANCER | GHS - Korea | Carcinogenicity - Category 1 [H350 - May cause cancer] |
| CANCER | GHS - New Zealand | 6.7A - Known or presumed human carcinogens |

SUBSTANCE NOTES: Formaldehyde gas levels are below the EPA Title VI and CARB Phase 2 formaldehyde emissions standards

DYE - WATER BASEDID: **Not Registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-06**

| | | | | |
|-----------------------|-------------------------|-----------------|-----------------|---------------------------|
| %: 1.00 - 1.00 | GS: Not Screened | RC: None | NANO: No | ROLE: To add color |
|-----------------------|-------------------------|-----------------|-----------------|---------------------------|

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--------------------------------|----------|
| | Hazard Screening not performed | |

SUBSTANCE NOTES:

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

CARB Composite Wood ATCM CA 93120 Phase 2

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2015-**

EXPIRY DATE: **2025-**

CERTIFIER OR LAB: **Benchmark**

APPLICABLE FACILITIES: **all**

08-01

08-01

International

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **ASTM D6007 Standard test method for determining formaldehyde concentrations in air from wood products - small chamber test**

VOC CONTENT

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2024-**

CERTIFIER OR LAB: **SCS Global**

APPLICABLE FACILITIES: **All**

11-01

11-01

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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

APPLICATIONS Echo Wood® is ideal for interior applications where consistency of grain and color is the primary concern, along with the warmth and beauty of real wood. Uses of Echo Wood® are for Finish Carpentry, Millwork, Store Fixtures, Display Cases, Contract Furniture, Residential Furniture, Kitchen Cabinetry, Interior Doors, Vanities and Wall Coverings. Echo Wood® is available in 4x8 and 4x10 veneers and panels (with Particleboard (PBC) or Medium Density Fiberboard (MDF) cores) and also available in 0.6mm x 7/8" and 2mm x 7/8" edge tape. Echo Wood® veneers and panels are stocked across the US and Canada and available through 60 strategically located distribution warehouses.



MANUFACTURER INFORMATION

MANUFACTURER: **HDI**

ADDRESS: **2700 Lind Ave SW**

Renton 98057 WA, USA

WEBSITE: **HDIDIST.com**

CONTACT NAME: **Todd Graham**

TITLE: **North American Specification Manager**

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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

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

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.