

CLASSIFICATION: 06 11 13 Engineered Wood Products

PRODUCT DESCRIPTION: Encore™ and APEX are sustainable design particleboard (SDP) panels manufactured from recycled wood residuals, and meet stringent formaldehyde emission standards. Ampine's® manufacturing process utilizes a formaldehyde-free (NAF) adhesive system to produce Encore and APEX particleboards. Encore's light color and machining qualities make it ideal for indoor applications on LEED projects or anywhere that indoor air quality is a primary goal. APEX, a high physical property, sustainable design composite panel, is engineered for superior strength and machinability. Encore and APEX are manufactured at the Ampine mill in Sutter Creek, California. This HPD covers the following Encore and APEX Series: Encore, Encore MR, Encore MR50, Encore Select, Encore HD, Encore Elite, Encore CTG, Encore MR Elite, Encore Premium, Encore Door Core, Apex, Apex MR50.

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

[ENCORE AND APEX PARTICLEBOARD \[CELLULOSE, MICROCRYSTALLINE NoGS POLYMERIC MDI \(PMDI\) LT-UNK | RES | MUL | CAN METHYLENE BISPHENYL DIISOCYANATE \(PURE MDI\) LT-UNK | RES | MUL | SKI | EYE | CAN DIPHENYLMETHANE DIISOCYANATE \(MDI\) - NON ISOMER SPECIFIC LT-UNK | MUL | SKI | EYE | RES | CAN UNDISCLOSED CHEMICAL #1 BM-4 UNDISCLOSED CHEMICAL #2 LT-1 | CAN | MUL \]](#)

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:

All undisclosed chemicals present in this HPD have been identified and screened by the preparer. Due to the confidentiality of the some of the ingredients, per supplier proprietary disclosures, some of the chemical names and CAS#s were not able to be identified.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

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

Recycled content: SCS Recycled Content Standard V7-0

Formaldehyde content: SCS No Added Formaldehyde Guidelines V3-0

Composite Wood: CPA 4-11 ECC Sustainability Standard and CARB ATCM 93120

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER: SCS Global Services

VERIFICATION #: qGE-4594

SCREENING DATE: 2018-02-07

PUBLISHED DATE: 2018-08-30

EXPIRY DATE: 2021-02-07



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

ENCORE AND APEX PARTICLEBOARD

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The manufacturer worked with a preparer to verify that all residuals and impurities have been considered under this current HPD.

OTHER PRODUCT NOTES: This HPD is being used to describe several products that are generally similar in content but differ in the percentages of some ingredients. The substances below are reported in absolute minimum and maximum. Each particleboard is reported at 100%.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

#: 94.5400 - 97.1000 GS: NoGS RC: None NANO: No ROLE: Wood Component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Pine, Sugar Pine, White Fir, Doug Fir, Eucalyptus, and Cedar in the form on shavings, hog wood, chips, saw dust, and fines.

POLYMERIC MDI (PMDI)

ID: 9016-87-9

#: 1.3800 - 3.3400 GS: LT-UNK RC: None NANO: No ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

RESPIRATORY

US EPA - PPT Chemical Action Plans

Inhalation sensitizer causing asthma and lung damage

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES:

#: **0.9300 - 2.2700** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES:

DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC

ID: 26447-40-5

#: **0.1800 - 0.4500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #1

ID: **Undisclosed**

#: **0.1700 - 0.4200** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Solvent Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

3rd Party Screened

SUBSTANCE NOTES: The GreenScreen Benchmark® assessment score of BM-4 was provided through the HPD 2.1 Builder Tool.

UNDISCLOSED CHEMICAL #2

ID: **Undisclosed**

#: **0.0700 - 0.1800**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Additive Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R45 - May cause cancer

CANCER

EU - GHS (H-Statements)

H350i - May cause cancer by inhalation

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

3rd Party Screened

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

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

CERTIFYING PARTY: **Self-declared**
ISSUE DATE: **2018-01-01**
EXPIRY DATE:
CERTIFIER OR LAB: **None.**

APPLICABLE FACILITIES: **Not applicable.**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Not applicable.**

RECYCLED CONTENT

SCS Recycled Content Standard V7-0

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2017-10-01**
EXPIRY DATE: **2018-09-30**
CERTIFIER OR LAB: **SCS Global Services**

APPLICABLE FACILITIES: **Only includes products manufactured at the Martell, CA site.**

CERTIFICATE URL:
https://www.scs-certified.com/products/cert_pdfs/Ampine_2017_SCS-MC-01095_s.pdf

CERTIFICATION AND COMPLIANCE NOTES: **Minimum 90% with at least 8% Post-Consumer and Balance 82% Pre-Consumer Recycled Wood Content (dry-weight basis)**

FORMALDEHYDE CONTENT

SCS No Added Formaldehyde Guidelines V3-0

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2017-10-01**
EXPIRY DATE: **2018-09-30**
CERTIFIER OR LAB: **SCS Global Services**

APPLICABLE FACILITIES: **Only includes products manufactured at the Martell, CA site.**

CERTIFICATE URL:
https://www.scs-certified.com/products/cert_pdfs/Ampine_2017_SCS-NAF-01510_s.pdf

CERTIFICATION AND COMPLIANCE NOTES: **Conforms to the SCS No Added Formaldehyde Guidelines V3-0.**

COMPOSITE WOOD

CPA 4-11 ECC Sustainability Standard and CARB ATCM 93120

CERTIFYING PARTY: **Second Party**
ISSUE DATE: **2016-01-20**
EXPIRY DATE:
CERTIFIER OR LAB: **Composite Panel Association**

APPLICABLE FACILITIES: **Martell, California**

CERTIFICATE URL:
<http://www.decorativesurfaces.org/cpa-green/ecc-certified-companies.html>

CERTIFICATION AND COMPLIANCE NOTES: **Eco-Attributes: Carbon Footprint, Locally Sourced Fiber, Recycled, Recovered, or Post-Consumer Fiber Content, Sustainable Use of Wood Fiber.**

SUSTAINABLE FORESTRY

FSC 100%, FSC Mix, FSC Controlled Wood

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2013-09-03**
EXPIRY DATE: **2018-09-02**
CERTIFIER OR LAB: **SCS Global Services**

APPLICABLE FACILITIES: **This certificate covers the production and distribution of hardwood and softwood plywood, particleboard, decorative**

overlays, softwood veneer, decorative veneer and plywood, bark, chips, peeler cores, logs, lumber, and platforms using the transfer, percentage and credit systems. It also covers the purchase and sale of FSC Controlled Wood; risk assessments for the control of wood sourced from Southern Oregon, Northern California, Eastern United States, and Eastern Canada; and the sourcing of pre-consumer reclaimed rough wood and round logs.

CERTIFICATE URL: [SCS-COC-000573](https://www.scs-coc.com/000573) Trademark

License Code: FSC-C021324

CERTIFICATION AND COMPLIANCE NOTES: The assessment has been conducted by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council® A.C. (FSC). FSC Standard: FSC-STD-40-004 V2-1; FSC-STD-40-005 V2-1; FSC-STD-40-007 V2-0

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



MANUFACTURER INFORMATION

MANUFACTURER: **Ampine LLC**

ADDRESS: **11610 Ampine-Fiberform**

Sutter Creek CA 95685, USA

WEBSITE: **www.timberproducts.com**

CONTACT NAME: **Terry Velasco**

TITLE: **General Manager**

PHONE: **209-223-6001**

EMAIL: **tvelasco@timberproducts.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

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.