

HPD UNIQUE IDENTIFIER: 26671

CLASSIFICATION: 06 11 13 Engineered Wood Products

PRODUCT DESCRIPTION: This HPD covers the following Encore, APEX, and Ampine Series: Ampine Commerical, Ampine Counter Top, Ampine Door Core, Ampine Industrial, Ampine Industrial M2, Ampine Industrial M3, Ampine P-40, Ampine Underlayment, Encore, Encore MR, Encore MR50, Encore Select, Encore HD, Encore Elite, Encore CTG, Encore MR Elite, Encore Premium, Encore Door Core, Apex, and Apex MR50. 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. Ampine, Encore, and APEX are manufactured at the Ampine mill in Sutter Creek, California.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities</p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input checked="" type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances except SC substances characterized according to SC guidance.</i></p> <p>Screened <input checked="" type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i></p>
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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

AMPINE, ENCORE, AND APEX PARTICLE BOARD [SC:CELLULOSE
 Not Screened **POLYMERIC MDI (PMDI)** LT-UNK | MUL | RES | CAN
METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) LT-UNK | CAN |
 MUL | RES | SKI | EYE **UNDISCLOSED BM-4** **UNDISCLOSED** LT-UNK
DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC
 LT-UNK | CAN | MUL | SKI | EYE | RES **GLYCERINE, ETHOXYLATED (EO**
50-120 MOL) LT-UNK **DIPHENYLMETHANE-2,4'- DIISOCYANATE (2,4'-**
MDI) LT-UNK | CAN | MUL | SKI | EYE | RES **UNDISCLOSED** 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:

Special conditions applied: BiologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

All residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold. Due to the proprietary nature of the information, the name and CAS numbers for certain chemicals have been redacted from this substance entry.

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: No VOC Certification

Formaldehyde content: SCS No Added Formaldehyde Guidelines V3-0

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

Recycled content: SCS Recycled Content Standard V7-0

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: 2020-03-05

PUBLISHED DATE: 2021-12-06

EXPIRY DATE: 2023-03-05

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

AMPINE, ENCORE, AND APEX PARTICLE BOARD

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%.

SC:CELLULOSE

ID: SC:Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

#: 94.0400 - 97.9900 GS: Not Screened RC: Both NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

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

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials. CASRN 9004-34-6. Recycled Content Registration # SCS-MC-01095: Minimum 90% with at least 8% Post-Consumer and Balance 82% Pre-Consumer Recycled Wood Content.

POLYMERIC MDI (PMDI)

ID: 9016-87-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-03-06 0:54:14

#: 0.8900 - 3.8200 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
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RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
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CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
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RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
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RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
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SUBSTANCE NOTES:

METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)

ID: 101-68-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-06 0:54:14**%: **0.2600 - 1.7400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES:

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-06 1:16:49**%: **0.1400 - 0.4200** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

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

SUBSTANCE NOTES: This chemical has been identified and screened by the preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-06 1:19:36**%: **0.1400 - 0.3900** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surface modifier**

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

SUBSTANCE NOTES: This chemical has been identified and screened by the preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC

ID: 26447-40-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-06 0:54:14**

#: 0.0700 - 2.0700

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RES	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage

SUBSTANCE NOTES:

GLYCERINE, ETHOXYLATED (EO 50-120 MOL)

ID: 31694-55-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-06 1:06:32**

#: 0.0700 - 0.2500

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Accelerator

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

SUBSTANCE NOTES:

DIPHENYLMETHANE-2,4'- DIISOCYANATE (2,4'-MDI)

ID: 5873-54-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-06 1:26:26**

#: 0.0700 - 0.2500

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RES	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage

SUBSTANCE NOTES:

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-06 1:18:28**

#: 0.0600 - 0.1700

GS: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Surface modifier

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: This chemical has been identified and screened by the preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

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	No VOC Certification		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-02-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: N/A	07		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: CDPH Standard V1.2 (Section 01350/CHPS)- Not tested			

FORMALDEHYDE CONTENT	SCS No Added Formaldehyde Guidelines V3-0		
CERTIFYING PARTY: Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB: SCS
APPLICABLE FACILITIES: Only includes products manufactured at the Sutter Creek, CA site.	2020-10-01	2022-09-30	Global Services
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/Ampine_2020_SCS-NAF-01510_s.pdf			
CERTIFICATION AND COMPLIANCE NOTES: Registration # SCS-NAF-01510. Conforms to the SCS No Added Formaldehyde Guidelines V3-0. This product was validated to contain no added compounds using urea formaldehyde or phenol formaldehyde in conformance to the SCS No Added Formaldehyde Guidelines, V3-0 (April 2013).			

COMPOSITE WOOD	CPA 4-11 ECC Sustainability Standard and CARB ATCM 93120		
CERTIFYING PARTY: Second Party	ISSUE DATE: 2016-01-	EXPIRY DATE:	CERTIFIER OR LAB: Composite
APPLICABLE FACILITIES: Sutter Creek, California.	20		Panel Association
CERTIFICATE URL: https://www.compositepanel.org/sustainability/ecc/ecc-company-directory.html			
CERTIFICATION AND COMPLIANCE NOTES: Eco-Attributes: Carbon Footprint, Locally Sourced Fiber, Recycled, Recovered, or Post-Consumer Fiber Content, Sustainable Use of Wood Fiber.			

RECYCLED CONTENT	SCS Recycled Content Standard V7-0		
CERTIFYING PARTY: Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB: SCS
APPLICABLE FACILITIES: Only includes products manufactured at the Sutter Creek, CA site.	2020-10-01	2022-09-30	Global Services
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/Ampine_2020_SCS-MC-01095_s.pdf			
CERTIFICATION AND COMPLIANCE NOTES: Registration # SCS-MC-01095. Conforms to SCS Recycled Content Standard V7-0 for a Minimum 90% with at least 8% Post-Consumer and Balance 82% Pre-Consumer Recycled Wood Content (dry-weight basis).			

SUSTAINABLE FORESTRY	FSC 100%, FSC Mix, FSC Controlled Wood		
CERTIFYING PARTY: Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB: SCS
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.	2018-09-03	2023-09-02	Global Services
CERTIFICATE URL: https://www.timberproducts.com/uploads/library_pdfs/1154/fsc_custody.pdf			
CERTIFICATION AND COMPLIANCE NOTES: Certificate Code: SCS-COC-000573; FSC Standard: FSC-STD-40-003 V2-1; FSC-STD-40-004 V3-0; FSC-STD-40-005 V3-1; FSC-STD-40-007 V2-0; FSCSTD-50-001 V2-0. The assessment has been conducted by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council® A.C. (FSC).			

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

This HPD covers the following Encore, APEX, and Ampine Series: Ampine Commerical, Ampine Counter Top, Ampine Door Core, Ampine Industrial, Ampine Industrial M2, Ampine Industrial M3, Ampine P-40, Ampine Underlayment, Encore, Encore MR, Encore MR50, Encore Select, Encore HD, Encore Elite, Encore CTG, Encore MR Elite, Encore Premium, Encore Door Core, Apex, and Apex MR50.

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**

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.