

CLASSIFICATION: No Added Formaldehyde (NAF) Plywood

PRODUCT DESCRIPTION: Plywood manufactured with wood plies and Soyad™ formaldehyde-free adhesive.

Section 1: Summary

Nested 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

Residuals/Impurities  
Considered in 2 of 2 Materials

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

WOOD [ WOOD VENEER Not Screened ] SOYAD™ ADHESIVE  
TECHNOLOGY [ SOYAD™ RESIN Not Screened SOY FLOUR Not Screened ]

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

Contents highest concern GreenScreen  
Benchmark or List translator Score ... UNK  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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 No-Added Formaldehyde (NAF)  
Formaldehyde emissions: USEPA TSCA Title VI - CARB Sec. 93120  
Sustainable forestry: 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: 2018-10-24

PUBLISHED DATE: 2018-10-24

EXPIRY DATE: 2021-10-24



## 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### WOOD

%: 96.0000 - 96.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered.

OTHER MATERIAL NOTES: FSC Certified Softwood can be used for over 70% of this plywood. All substances in this material are below the reportable threshold.

### WOOD VENEER

ID: Not registered

%: 96.0000

GS: Not Screened

RC: None

NANO: No

ROLE: Plywood Ply

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Wood veneer is a bio-based material in which carbon has been absorbed, processed and stored.

### SOYAD™ ADHESIVE TECHNOLOGY

%: 4.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered.

OTHER MATERIAL NOTES: Soyad™ Adhesive Technology is a patented, formaldehyde-free adhesive system from Solenis LLC that is used to manufacture environmentally friendly hardwood plywood panels. Soyad™ adhesives are used to produce panels with veneer, particleboard, of medium density fiberboard cores. Soyad™ adhesives are water-based systems formulated with natural soy flour and a proprietary cross-linking resin. When blended together, the resin reacts with the protein in the soy flour to form a durable and water-resistant thermoset adhesive.

### SOYAD™ RESIN

ID: Unknown

%: 2.0000

GS: Not Screened

RC: UNK

NANO: No

ROLE: cross-linking resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Proprietary formulation

**SOY FLOUR**

ID: **Not registered**

#: **2.0000**

GS: **Not Screened**

RC: **UNK**

NANO: **No**

ROLE: **protein source**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**None Found**

**No warnings found on HPD Priority lists**

SUBSTANCE NOTES: **Soy flour is a natural source of proteins for cross-linking resin activation and an adhesive extender.**

## 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 No-Added Formaldehyde (NAF)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **HPVA**

APPLICABLE FACILITIES: **MT. BAKER PRODUCTS, INC.**

**01-12**

**Laboratories**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **CARB Composite Wood ATCM CA 93120 No-Added Formaldehyde (NAF)**

### FORMALDEHYDE EMISSIONS

### USEPA TSCA Title VI - CARB Sec. 93120

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **HPVA**

APPLICABLE FACILITIES: **MT. BAKER PRODUCTS, INC.**

**01-12**

**Laboratories**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **TSCA Title VI Compliant CARB Sec. 93120 Compliant**

### SUSTAINABLE FORESTRY

### FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2014-**

EXPIRY DATE:

CERTIFIER OR LAB: **RAINFOREST**

APPLICABLE FACILITIES: **MT. BAKER PRODUCTS, INC.**

**03-01**

**ALLIANCE**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **FSC Certification - Chain of Custody (COC) Certificate Registration Code: RA-COC-000119**

## 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: **MT. BAKER PRODUCTS, INC.**

ADDRESS: **2929 ROEDER AVE.**

**PO BOX 997**

**BELLINGHAM WA 98225, USA**

WEBSITE: **mtbakerproducts.com**

CONTACT NAME: **SALES TEAM**

TITLE: **SALES DEPARTMENT**

PHONE: **1-800-822-5211**

EMAIL: **info@mtbakerproducts.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.*