

Veneered Systems (Flat Veneer Panels, Beams, Curvalon, Aluratone, Curvatone) by Rulon International

Health Product Declaration v2.1

created via: HPDC Online Builder

CLASSIFICATION: 09550 (Ceilings); 09700 (Wall Finishes)

PRODUCT DESCRIPTION: Rulon International Veneered Systems include product lines manufactured from a combination of substrates and veneer including Accent Beams, Aluratone, Curvalon, Curvatone, Flat Veneer Panels, and Squares. These systems are composed of various species of veneer adhered to a substrate core, assembled into configurations, and then suspended from walls or ceilings via industry standard attachment methods.

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

VENEERED SYSTEMS (FLAT VENEER PANELS, BEAMS, CURVALON, ALURATONE, CURVATONE) [CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE) NoGS BORIC ACID (BORIC ACID) LT-1 | END | REP | MUL | DEL MELAMINE-UREA-FORMALDEHYDE (MUF) (MELAMINE-UREA-FORMALDEHYDE (MUF)) LT-UNK WATER (WATER) BM-4 UNDISCLOSED CHEMICAL #1 LT-UNK UNDISCLOSED CHEMICAL #2 NoGS UNDISCLOSED CHEMICAL #3 NoGS UNDISCLOSED CHEMICAL #4 NoGS | SKI | EYE UNDISCLOSED CHEMICAL #5 NoGS | SKI | EYE AMMONIUM CHLORIDE (AMMONIUM CHLORIDE) LT-P1 | EYE | END UNDISCLOSED CHEMICAL #6 NoGS UREA FORMALDEHYDE (UREA FORMALDEHYDE) LT-P1 | RES UREA (UREA) LT-UNK SLACK WAX (PETROLEUM) (SLACK WAX (PETROLEUM)) 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:

The third-party preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, some substance names and CAS numbers have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. Some proprietary chemicals could not be obtained; therefore, no chemical name or CAS number are presented and the third-party preparer provided further detailed notes regarding these instances.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

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

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-4493

SCREENING DATE: 2018-06-06
PUBLISHED DATE: 2018-07-13
EXPIRY DATE: 2021-06-06



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

VENEERED SYSTEMS (FLAT VENEER PANELS, BEAMS, CURVALON, ALURATONE, CURVATONE)

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES

CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Rulon International worked with a Third Party HPD Preparer to confirm that 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.

OTHER PRODUCT NOTES:

CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE)

ID: 9004-34-6

#: 68.0800 - 89.8400 GS: NoGS RC: None NANO: No ROLE: Structure

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BORIC ACID (BORIC ACID)

ID: 10043-35-3

#: 4.6200 - 13.9900 GS: LT-1 RC: None NANO: No ROLE: Structure

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

EU - Priority Endocrine Disruptors

Category 1 - In vivo evidence of Endocrine Disruption Activity

REPRODUCTIVE

EU - SVHC Authorisation List

Toxic to reproduction - Prioritized for listing

REPRODUCTIVE

EU - GHS (H-Statements)

H360FD - May damage fertility. May damage the unborn child

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

DEVELOPMENTAL

MAK

Pregnancy Risk Group B

REPRODUCTIVE

Japan - GHS

Toxic to reproduction - Category 1B

REPRODUCTIVE

EU - Annex VI CMRs

Reproductive Toxicity - Category 1B

REPRODUCTIVE

Australia - GHS

H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES:

MELAMINE-UREA-FORMALDEHYDE (MUF) (MELAMINE-UREA-FORMALDEHYDE (MUF))

ID: 25036-13-9

#: **4.6200 - 11.1900** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

WATER (WATER)

ID: 7732-18-5

#: **1.7500 - 2.8800** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

UNDISCLOSED CHEMICAL #1

ID: **Undisclosed**

#: **0.9400 - 1.7500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Adhesive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The third-party preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #2

ID: **Undisclosed**

#: **0.7400 - 1.1200** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Full disclosure for this proprietary chemical, identified as "non-hazardous polymers", could not be obtained. Therefore, no chemical name or CAS number are presented for this chemical and the third-party preparer evaluated the hazards of the trade name ingredient that contains this proprietary chemical. As no GHS classifications are presented for the trade name ingredient on the supplier's safety data sheet, no hazards were identified for this proprietary chemical

UNDISCLOSED CHEMICAL #3ID: **Undisclosed**

%: 0.3700 - 0.4600	GS: NoGS	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Full disclosure for this proprietary chemical, identified as "polyester fibers", could not be obtained. Therefore, no chemical name or CAS number are presented for this chemical and the third-party preparer evaluated the hazards of the trade name ingredient that contains this proprietary chemical. As no GHS classifications are presented for the trade name ingredient on the supplier's safety data sheet, no hazards were identified for this proprietary chemical.

UNDISCLOSED CHEMICAL #4ID: **Undisclosed**

%: 0.2500 - 0.3500	GS: NoGS	RC: None	NANO: No	ROLE: Topcoat
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN IRRITATION

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: Full disclosure for this proprietary chemical, identified as "polyurethane resin", could not be obtained. Therefore, no chemical name or CAS number are presented for this chemical and the third-party preparer evaluated the hazards of the trade name ingredient that contains this proprietary chemical. As the supplier's SDS indicates the trade name ingredient is classified as a Category 2 skin irritant (H315), a Category 2 eye irritant (H319), and as a Category 1 skin sensitizer (H317) under GHS, the third-party preparer assigned these classifications under the EU designation to the proprietary chemical.

UNDISCLOSED CHEMICAL #5ID: **Undisclosed**

%: 0.1000 - 0.1400	GS: NoGS	RC: None	NANO: No	ROLE: Topcoat
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN IRRITATION

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: Full disclosure for this proprietary chemical, identified as "acrylic resin", could not be obtained. Therefore, no chemical name or CAS number are presented for this chemical and the third-party preparer evaluated the hazards of the trade name ingredient that contains this proprietary chemical. As the supplier's SDS indicates the trade name ingredient is classified as a Category 2 skin irritant (H315), a Category 2 eye irritant (H319), and as a Category 1 skin sensitizer (H317) under GHS, the third-party preparer assigned these classifications under the EU designation to the proprietary chemical.

AMMONIUM CHLORIDE (AMMONIUM CHLORIDE)ID: **12125-02-9**

%: 0.0900 - 0.1900	GS: LT-P1	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #6

ID: **Undisclosed**

#: **0.0000 - 0.3900** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Full disclosure for this proprietary chemical, identified as "acrylic-vinylacetat copolymer", could not be obtained. Therefore, no chemical name or CAS number are presented for this chemical and the third-party preparer evaluated the hazards of the trade name ingredient that contains this proprietary chemical. As no GHS classifications are presented for the trade name ingredient on the supplier's safety data sheet, no hazards were identified for this proprietary chemical.

UREA FORMALDEHYDE (UREA FORMALDEHYDE)

ID: **9011-05-6**

#: **0.0000 - 11.1900** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

UREA (UREA)

ID: **57-13-6**

#: **0.0000 - 2.8000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SLACK WAX (PETROLEUM) (SLACK WAX (PETROLEUM))

ID: **64742-61-6**

#: **0.0000 - 0.9300** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
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

MULTIPLE	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:

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) - Residential scenario

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-07-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **CDPH Standard Method –**

06

Not tested

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

Rulon International worked with a HPD Third Party Preparer to obtain all required chemical formulation information to the disclosure level of 1,000 ppm (0.1%). Rulon International also worked with a Third Party HPD Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD.

MANUFACTURER INFORMATION

MANUFACTURER: **Rulon International**
ADDRESS: **2000 Ring Way**
St. Augustine FL 32092, USA
WEBSITE: **www.rulonco.com**

CONTACT NAME: **Aaron Journot**
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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	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.