

CLASSIFICATION: 06 12 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: THIS HPD COVERS THE DECORATIVE 3D WOOD LAMINATION. 3D WOOD IS A MATERIAL DEVELOPED BY CORRUVEN FOR DECORATIVE WALL APPLICATIONS. THE PRODUCT IS A VENEERED COMPOSITE THAT COMBINES WOOD'S HIGH TENSILE STRENGTH, A CORRUGATED SHAPE, AND GREEN CHEMISTRY.

**Section 1: Summary**

**CONTENT INVENTORY**

- |  |  |
|--|--|
| Threshold per material                     | Residuals and impurities considered in 2 of 3 materials        |
| <input type="radio"/> 100 ppm              | <input checked="" type="radio"/> see Section 2: Material Notes |
| <input checked="" type="radio"/> 1,000 ppm | <input checked="" type="radio"/> see Section 5: General Notes  |
| <input type="radio"/> Per GHS SDS          |  |
| <input type="radio"/> Per OSHA MSDS        |  |
| <input type="radio"/> Other                |  |

Based on the selected Content Inventory Threshold:

- |   |                                  |                       |
|---|----------------------------------|-----------------------|
| Characterized.....  | <input checked="" type="radio"/> | <input type="radio"/> |
| Are the Percent Weight and Role provided for all substances?                    | Yes                              | No                    |
| Screened.....   | <input checked="" type="radio"/> | <input type="radio"/> |
| Are all substances screened using Priority Hazard Lists with results disclosed? | Yes                              | No                    |
| Identified.....   | <input checked="" type="radio"/> | <input type="radio"/> |
| Are all substances disclosed by Name (Specific or Generic) and Identifier?      | Yes                              | No                    |

**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**

PAPER #2 [ CELLULOSE, MICROCRYSTALLINE NoGS POLYMERIC MDI (PMDI) LT-UNK | RES | MUL | CAN METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) LT-UNK | MAM | EYE | SKI | CAN | RES | MUL ] LAMINATE [ POLYPROPYLENE LT-UNK ALUMINA TRIHYDRATE BM-2 | RES WATER BM-4 STYRENE BUTADIENE RUBBER (SBR) LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END PROPYLENE GLYCOL BM-2 | END ZINC OXIDE BM-1 | AQU | RES | MUL ] ADHESIVE [ POLYVINYL ACETATE (PVA) LT-UNK VINYL ACETATE LT-P1 | CAN | END | MUL | MAM | GEN | PHY ]

Number of Greenscreen BM-4/BM3 contents.....  
1  
Contents highest concern GreenScreen Benchmark or List translator Score..... BM-1  
Nanomaterial..... No

**INVENTORY AND SCREENING NOTES:**

This HPD was created using the Material Content Inventory. Corruven's Decorative 3D Wood Lamination has been screened at a 1000 ppm level so that all intentional materials and known potential residuals/impurities that could have existed in raw materials, at that level, have been disclosed.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE**

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 29, 2017	EXPIRY DATE*: May 29, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: July 12, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### PAPER #2

%: 80.0100

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: The material is a polymer impregnated Kraft liner board used as a backer in Corruven's Decorative 3D Wood Lamination. Information on residuals was not given by the manufacturer. Ranges are given to protect the exact composition.

#### CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

%: 70.0000 - 90.0000

GS: NoGS

RC: Both

NANO: NO

ROLE: Main material

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Kraft paper containing 4% pre-consumer content and 21% post-consumer content.

#### POLYMERIC MDI (PMDI)

ID: 9016-87-9

%: 0.0000 - 25.5000

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: See material notes

#### METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)

ID: 101-68-8

%: 0.0000 - 15.3000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder: component B

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
RESPIRATORY	EU - R-phrases	R42 - May cause sensitization by inhalation
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
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
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
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
SUBSTANCE NOTES: See material notes		

**LAMINATE**

%: 10.2000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: 56 gsm oriented polypropylene decorative overlay. The decorative overlay is composed of a polyacrylate coating and a polypropylene substrate. Ranges are given to protect the exact composition of the polyacrylate coating.

**POLYPROPYLENE**

ID: 9003-07-0

%: 91.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Substrate

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Polypropylene substrate

**ALUMINA TRIHYDRATE**

ID: 21645-51-2

%: 2.2500 - 3.1500	GS: BM-2	RC: None	NANO: NO	ROLE: Coating: filler
--------------------	----------	----------	----------	-----------------------

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
-------------	-------------------	---

SUBSTANCE NOTES: polyacrylate coating ingredient

**WATER**

ID: 7732-18-5

%: 2.2500 - 3.1500	GS: BM-4	RC: None	NANO: NO	ROLE: Coating: solvent
--------------------	----------	----------	----------	------------------------

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
------------	---

SUBSTANCE NOTES: polyacrylate coating ingredient

**STYRENE BUTADIENE RUBBER (SBR)**

ID: 9003-55-8

%: 1.3500 - 2.2500	GS: LT-UNK	RC: None	NANO: NO	ROLE: Coating: polymeric protective film
--------------------	------------	----------	----------	--

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
------------	---

SUBSTANCE NOTES: polyacrylate coating ingredient

**TITANIUM DIOXIDE**

ID: 13463-67-7

%: 0.4500 - 0.9000	GS: LT-1	RC: None	NANO: NO	ROLE: Coating: pigment
--------------------	----------	----------	----------	------------------------

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: polyacrylate coating ingredient

**PROPYLENE GLYCOL**

ID: 57-55-6

%: 0.0900 - 0.4500

GS: BM-2

RC: None

NANO: NO

ROLE: Coating:  
coalescing agent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: polyacrylate coating ingredient

**ZINC OXIDE**

ID: 1314-13-2

%: 0.0900 - 0.4500

GS: BM-1

RC: None

NANO: NO

ROLE: Coating: pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: polyacrylate coating ingredient

**ADHESIVE**

%: 9.7800

HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: crosslinking polyvinyl acetate emulsion adhesive

**POLYVINYL ACETATE (PVA)**

ID: 9003-20-7

%: 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Main ingredient

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes

**VINYL ACETATE**

ID: 108-05-4

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: Present as a residual in the adhesive at 0.017w%.



### 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.



### 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.



### Section 5: General Notes



## MANUFACTURER INFORMATION

MANUFACTURER: Corruven Inc.

CONTACT NAME: Ian Drapeau

ADDRESS: 11 boul. Centre Madawaska, Unit 12  
Saint-Basile, New-Brunswick E7C 1R7  
Canada

TITLE: ITC Director

PHONE: (506) 802-7022

WEBSITE: www.corruven.com

EMAIL: info@corruven.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

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

**LT-1** List Translator Likely Benchmark 1

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

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

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** 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

**Nano** Composed of nanoscale particles or nanotechnology

### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.