

CLASSIFICATION: 057000

PRODUCT DESCRIPTION: Laminated decorative aluminum sheet. Aluminum sheet typically between gauges of .025"-.125" of AA3003/3105 alloy clad with thin decorative layer for use in non-load bearing decorative applications such as ceilings, wall panels, acoustic panels, kiosks, interior architectural shapes, signage, displays, etc.

Section 1: Summary

Nested Method / Material 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 3 of 3 Materials

Explanation(s) provided
for Residuals/Impurities?
 Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with
results disclosed.

Identified Yes Ex/SC Yes No
All substances disclosed by Name (Specific or Generic) and
Identifier.

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

ALUMINUM SHEET [ALUMINUM NoGS] DECORATIVE FILM LAYER [POLYVINYL CHLORIDE (PVC) LT-P1 | RES] PUR ADHESIVE LAYER [POLYURETHANE LT-P1]

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

Contents highest concern GreenScreen
Benchmark or List translator Score ... LT-P1

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: VOC Emissions Free

VOC content: VOC Free

Recycled content: Recycled Aluminum

Formaldehyde content: Formaldehyde Free

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-02-11

PUBLISHED DATE: 2020-02-11

EXPIRY DATE: 2023-02-11



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

ALUMINUM SHEET

#: 92.00 - 98.00

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Per Aluminum Association standards for aluminum sheet goods 3003/3105 have "trace" impurities which are not of sufficient quantity as to impact strength or safety reporting.

OTHER MATERIAL NOTES: AA3003/3105 H14 All substances in this material are below the reportable threshold.

ALUMINUM

ID: 91728-14-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-02-11

#: 95.00 - 98.00

GS: NoGS

RC: Both

NANO: No

ROLE: Substrate layer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: AA 3003/3105 recycled rolled aluminum sheet

DECORATIVE FILM LAYER

#: 0.01 - 4.50

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Dry decorative film residual side trim returned to recycle stream to be rerolled

OTHER MATERIAL NOTES: Dry printed film 5mil total thickness - semi rigid non-plasticized

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-02-11**

#: **1.00 - 5.00**

GS: **LT-P1**

RC: **Both**

NANO: **No**

ROLE: **Decorative print layer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **5 mil Printed Decorative Layer**

PUR ADHESIVE LAYER

#: **0.01 - 0.02**

MATERIAL THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Though applied at very low temp. minor isocyanate venting required during lamination**

OTHER MATERIAL NOTES: **100% Solid PU adhesive - No Voc**

POLYURETHANE

ID: 64440-88-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-02-11**

#: **0.01 - 0.02**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Bonding agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Low temp thermally setting PUR adhesive**

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

VOC Emissions Free

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **0008-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

03-09

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UltraGrain does not use any VOC containing or emitting components.**

VOC CONTENT

VOC Free

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **0008-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

12-12

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UltraGrain does not contain or use any VOC containing compounds in either the manufacturing process or product.**

RECYCLED CONTENT

Recycled Aluminum

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **0008-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

12-20

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UltraGrain is based on AA3003/3105 recycled alloy aluminum with general total recycled content of 80+% with 55-60% post consumer content. Varies by lot/mill.**

FORMALDEHYDE CONTENT

Formaldehyde Free

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **0003-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

12-09

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UltraGrain does not contain natural forming or added formaldehyde.**

OTHER

Rainforest Alliance / IUCN Listed Species Free

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **0006-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

04-10

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UltraGrain does not contain any Rainforest Alliance or IUCN listed woods. The print layer mimics the look and feel of these species without deforestation and associated wastes involved with real wood veneers.**

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

UltraGrain Aluminum Series laminates are designed to work as a greener alternative to using real wood veneer and other natural materials that require disruption to earth and environment. UltraGrain is pre-decorated aluminum replicating the look and feel of real wood veneer and other natural materials without the problems associated with deforestation, quarry waste, exotic wood rainforest loss etc.



MANUFACTURER INFORMATION

MANUFACTURER: **Deco Technologies Inc.**
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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.