

HPD UNIQUE IDENTIFIER: 27934

CLASSIFICATION: 12 36 71 Paper-Composite Countertops

PRODUCT DESCRIPTION: This HPD covers the HPL Branded SURFORMA®. It is a complete, harmonized line of High Pressure Laminated to our TFL Prelude and Sommet embossed in-register (EIR) Series. HPL panels are manufactured in two steps. The first consists of thermofusing the wear and decorative layers to multiple layers of kraft paper to form a single laminated sheet. Steel press plates are used to create the surface texture. The sheet is then bonded to a substrate (particleboard, MDF or other) by the end-user to create a finished product such as furniture, millwork, cabinetry and countertops.

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
 Other

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 except SC substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

IMPREGNATED KRAFT PAPER [SC:DRY PAPER Not Screened **CURED THERMOSETTING RESINS** LT-P1 | RES **UNDISCLOSED** LT-P1 | END **UNDISCLOSED** BM-4] **IMPREGNATED DECOR PAPER [SC:PAPER** Not Screened **UNDISCLOSED** LT-UNK **UNDISCLOSED** BM-4 **WATER** BM-4 **UNDISCLOSED** LT-UNK] **IMPREGNATED OVERLAY [** **UNDISCLOSED** LT-UNK **SC:DRY OVERLAY PAPER** Not Screened **UNDISCLOSED** BM-4 **UNDISCLOSED** LT-P1 | END **UNDISCLOSED** LT-UNK **UNDISCLOSED** LT-UNK | SKI **UNDISCLOSED** LT-UNK | MUL | RES | CAN **UNDISCLOSED** LT-P1 | END]

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

Contents highest concern GreenScreen

Benchmark or List translator Score ... LT-P1

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.

HPD prepared using a Nested Materials Inventory with a product threshold at 1,000 ppm. The content inventory includes High Pressure Decorative Laminate (HPL) products. This product contain materials with Special Conditions (reaction product, defined substances without identifier, recycled content - mixture) as per the HPDC. Reporting of Biological materials (SCBioMats/2018-02-23) was done according to HPDC Guidelines. Guidelines for reporting Special Conditions materials are still under development by HPDC. TAFISA Company will update the HPD accordingly once these guidelines get published. Resin substances at or above the threshold, have been declared as unreacted Substances present in HPL , as well as known residuals and impurities, have been disclosed at 1,000 ppm. More details about how residuals and impurities were considered available in the appropriate sections.

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: UL/GreenGuard Gold Certified

LCA: Environmental Product Declaration (EPD) by IBU

(Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)

Other: NSF/ANSI 35 High Pressure Decorative Laminate For Surfacing Food Service Equipment.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Vertima

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-03-25

PUBLISHED DATE: 2022-03-25

EXPIRY DATE: 2025-03-25

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

IMPREGNATED KRAFT PAPER

#: 79.7800 - 86.4200

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Paper or Cardboard

RESIDUALS AND IMPURITIES NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

OTHER MATERIAL NOTES: Weight percentage may vary as the exact ratio is proprietary.

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

%: **60.0000 - 70.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: Kraft Paper

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. Weight percentage may vary as the exact ratio is proprietary.

CURED THERMOSETTING RESINS

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:31**

%: **30.0000 - 40.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:33**

%: **0.4100** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:35**

%: **0.1500** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

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

SUBSTANCE NOTES: According to the supplier, residual and impurity are below the threshold.

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Paper or Cardboard

RESIDUALS AND IMPURITIES NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

OTHER MATERIAL NOTES: Weight percentage may vary as the exact ratio is proprietary.

SC:PAPER

ID: **SC:Bio**

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

#: **57.2300 - 57.8200** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES:
 Version: SCBioMats/2018-02-23
 Category: Tree-based materials
 Identifier: Kraft Paper

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. 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. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:30**

#: **35.9000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

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

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:32**

#: **4.9000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

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

SUBSTANCE NOTES: According to the supplier, residual and impurity are below the threshold.

WATER

ID: **7732-18-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:33**

#: **1.1800 - 1.7700** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: According to the supplier, residual and impurity are below the threshold. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:34**

%: **0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

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

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

IMPREGNATED OVERLAY

%: **3.7000 - 3.8300**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product

OTHER MATERIAL NOTES: Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:30**

%: **63.1800** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

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

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

SC:DRY OVERLAY PAPER

ID: **SC:Bio**

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

%: **30.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: Paper

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. This paper is transparent.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:31**

%: **5.0600** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

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

SUBSTANCE NOTES: According to the supplier, residual and impurity are below the threshold.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:32**

%: **1.2700** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:34**

%: **0.2200** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

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

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:35**

%: **0.1600** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Anti-adhesive agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:36**

%: **0.0600** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Catalyst**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:54:36**

%: **0.0500** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: The supplier declared, backed by technical/scientific knowledge, that no impurities or residuals were present in their product.

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	UL/GreenGuard Gold Certified		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: SURFORMA, SA CERTIFICATE URL:	ISSUE DATE: 2018-10-31	EXPIRY DATE: 2022-01-31	CERTIFIER OR LAB: UL Environmental
CERTIFICATION AND COMPLIANCE NOTES: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Certificate Number: 133597-410			
LCA	Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: ICDLI aisbl – International Committee of the Decorative Laminates Industry CERTIFICATE URL:	ISSUE DATE: 2017-11-13	EXPIRY DATE: 2022-11-12	CERTIFIER OR LAB: IBU - Institut Bauen und Umwelt e.V.
CERTIFICATION AND COMPLIANCE NOTES: Declaration Number: EPD-ICL-20170155-CBE1-EN			
OTHER	NSF/ANSI 35 High Pressure Decorative Laminate For Surfacing Food Service Equipment.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Surforma, SA CERTIFICATE URL:	ISSUE DATE: 2021-05-03	EXPIRY DATE:	CERTIFIER OR LAB: NSF International
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number C0496660-02			

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

High-pressure decorative thin laminates (HPL) are characterised by their aesthetic qualities, strength, durability and functional performance. HPL sheets are available in a wide variety of colours, patterns and surface finishes. They are resistant to wear, impact, scratching, moisture, heat, staining and light and possess good hygienic and -antistatic properties. HPL are easy to clean and maintain. Thin HPL are not self-supporting and require bonding to a substrate. Typically they are glued to wood-based substrates to form a HPL Composite Panel.

MANUFACTURER INFORMATION

MANUFACTURER: Tafisa Canada inc.
ADDRESS: 4660, Villeneuve Street,
 Lac-Megantic Quebec G6B 2C3, CANADA
WEBSITE: <https://tafisa.ca/en>

CONTACT NAME: Jonathan Lamarre
TITLE: Environmental Engineer
PHONE: 819-583-2930 # 319
EMAIL: jlamarre@tafisa.ca

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.