

HPD UNIQUE IDENTIFIER: 27932

CLASSIFICATION: 06 42 00 Wood Paneling

PRODUCT DESCRIPTION: This HPD covers the Tafisa® decorative panels (TFL). Tafisa® decorative panels is made by particleboard panels TAFIPAN or TAFIPAN-EVOLO, recovered with impregnated decor paper. TFL panels are used to build furniture, millwork, cabinetry and countertops. Available in more than 122 standard color and texture combinations. The collection comes with the most comprehensive complementary products program of the industry.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold Level, Residuals/Impurities, and All Substances Above the Threshold Indicated Are: Characterized, Screened, Identified. Includes radio button options for reporting methods and threshold levels.

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 SC:BIO:SC:BIO: BIOLOGICAL MATERIAL [SC:WOOD PARTICLES Not Screened] UREA FORMALDEHYDE RESIN [UNDISCLOSED LT-UNK UNDISCLOSED BM-4 UNDISCLOSED BM-1 | END | DEV | MUL | REP | PHY | MAM UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK] WATER [WATER BM-4] IMPREGNATED DECOR PAPER #1 [UNDISCLOSED LT-UNK | RES UNDISCLOSED LT-UNK] IMPREGNATED DECOR PAPER #2 [UNDISCLOSED LT-UNK | RES UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | RES UNDISCLOSED LT-P1 | END | CAN] CATALYST [AMMONIUM NITRATE LT-P1 | END WATER BM-4] WAX [UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED BM-4 UNDISCLOSED NoGS UNDISCLOSED LT-P1 | END | SKI | RES] SCAVENGER [WATER BM-4 UREA LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 5
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
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 decorative panels (TFL). The product contain materials with Special Conditions (biological material and reaction products, defined substances, recycled content - mixture) as per the HPDC. Reporting of Biological materials (SCBioMats/2018-02-23) was done according to HPDC Guidelines. Guidelines for reporting reaction products are still under development by HPDC. TAFISA Company will update the HPD accordingly once these guidelines get published. Adhesive substances at or above the threshold, have been declared as unreacted. Substances present in Substances present in decorative panels (TFL), as well as known residuals and impurities, have been disclosed at 1,000 ppm. Some ingredients are not disclosed because they are proprietary. 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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Applicable
Multi-attribute: Multi-attribute: CPA 4-19 Eco-Certified Composites (ECC)

Formaldehyde emissions: Substrate meet EPA TSCA Title VI (40 CFR 770), CAN/CSA 0160-16, ANSI A208.1, California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.
Sustainable forestry: FSC Certification - Single Chain of Custody and Controlled Wood.

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

SC:BIO:SC:BIO: BIOLOGICAL MATERIAL %: 85.1000 - 86.8000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Wood Dust, Fiber or Chips

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities suspected to be present in wood fiber.

OTHER MATERIAL NOTES: SpecialConditionApplied:BiologicalMaterial --- Special Condition Applied: Biological Material. Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.

SC:WOOD PARTICLES

ID: SC:Bio

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

%: 100.0000 GS: Not Screened RC: Both NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: Softwood

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. Particleboard is made of pre-consumer and post-consumer recycled fibers. Pre-consumer Recycled includes fiber, such as scrap, trimmings and cuttings from manufacturing and converting processes of primary wood products. Examples of this category include planer shavings, plytrim, sawdust, fines, chips and bagasse. Post-consumer recycled materials includes materials that are generated from building construction, renovation and demolition and from old wood pallet.

UREA FORMALDEHYDE RESIN %: 8.6000 - 10.5000

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

RESIDUALS AND IMPURITIES NOTES: According to Pharos, known or potential residual for Formaldehyde compounds, Urea formaldehyde based, is formaldehyde (CAS Number: 50-00-0). According to the supplier and based on their technical/scientific knowledge as well as information from their supplier, no chemical residual and impurities are present in the material. however, they no test have been done.

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

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-25 8:40:43

%: 74.7600 - 75.9600 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.		

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:40:47		
#: 24.0100 - 24.0500	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: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:40:50		
#: Impurity/Residual	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
DEV	CA EPA - Prop 65	Developmental toxicity		
DEV	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]		
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]		
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]		
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]		
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]		
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H370 - Causes damage to organs [Specific target organ toxicity - single exposure - Category 1]		
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades. According to the supplier, this substance is a residual.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:40:51		
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#: 0.0000 - 0.1600

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: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.

UNDISCLOSED

ID: UnDisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-03-25 8:40:52

#: 0.0000 - 0.7900

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: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.

WATER

#: 1.8000 - 2.2000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Other: Water

RESIDUALS AND IMPURITIES NOTES: No data collected regarding this material.

OTHER MATERIAL NOTES: Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary. Standard water is used (municipal).

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-03-25 8:40:43

#: 100.0000

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.

IMPREGNATED DECOR PAPER #1

#: 1.2800 - 1.4600

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Paper or Cardboard

RESIDUALS AND IMPURITIES NOTES: Supplier declared, based on their technical/scientific knowledge, that residuals and impurities were not present in their product.

OTHER MATERIAL NOTES: Weight percentage may vary as this HPD covers multiple particleboard grade, and this material comes from multiple suppliers. The composition of this material is confidential. Supplier A is certified GREENGUARD and GREENGUARD Gold.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:48**

#: **20.0000 - 80.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:48**

#: **20.0000 - 80.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

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

IMPREGNATED DECOR PAPER #2

#: **1.2800 - 1.4600**

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

RESIDUALS AND IMPURITIES NOTES: Supplier has reported residuals, and declared, based on their technical/scientific knowledge, that impurities were not present in their product.

OTHER MATERIAL NOTES: Weight percentage may vary as this HPD covers multiple particleboard grade, and this material comes from multiple suppliers. The composition of this material is confidential.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:47**%: **35.6000 - 47.6000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:49**%: **13.0000 - 67.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

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

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:51**%: **0.0000 - 38.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:52**%: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	IARC	Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES: Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary. According to the supplier, this substance is a residual.

CATALYST%: **0.5000 - 0.6000**PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: The supplier declared, based on the technical/scientific knowledge, that no residuals and impurities were present in their product.

OTHER MATERIAL NOTES: Weight percentage may vary as this HPD covers multiple particle board grade of products, Some substances fall below the reportable threshold, and are not reported in the content inventory.

AMMONIUM NITRATE

ID: 6484-52-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:44**

#: **50.0000 - 60.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Catalyst**

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

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

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:45**

#: **50.0000 - 60.0000** 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: Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary. According to the supplier, residual and impurity are below the threshold.

WAX

#: **0.3000 - 0.4000**

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

RESIDUALS AND IMPURITIES NOTES: Suppliers declared, based on technical/scientific knowledge, that no residuals or impurities were present in their product. However, no tests were performed on their product. According to Pharos, known or potential residuals for slack wax (64742-61-6) is paraffin (8002-74-2) and paraffin oil (8012-95-1).

OTHER MATERIAL NOTES: Wax is used as water repellant. Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades and exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:44**

#: **50.0000 - 60.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Water resistance**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]

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

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:46**

%: **40.0000 - 50.0000** 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: Substance is undisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:50**

%: **0.5000 - 3.0000** GS: **NoGS** 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: Substance is undisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particle board grades and the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:49**

%: **0.5000 - 3.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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: Substance is undisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particleboard grades and the exact ratio is proprietary.

SCAVENGER

%: 0.1000 - 0.6000

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

RESIDUALS AND IMPURITIES NOTES: Suppliers declared, based on technical/scientific knowledge, that no residuals or impurities were present in their product; however, no such tests were performed on their product.

OTHER MATERIAL NOTES: Weight percentage may vary as this HPD covers multiple particleboard grades and the exact ratio is proprietary.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:45**

%: **49.0000 - 51.0000** 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: Substance is undisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particleboard grades and the exact ratio is proprietary. According to the supplier, residual and impurity are below the threshold.

UREA

ID: 57-13-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:40:46**

%: **49.0000 - 51.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Scavenger**

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

SUBSTANCE NOTES: Substance is undisclosed because it is proprietary. Weight percentage may vary as this HPD covers multiple particleboard grades and the exact ratio is proprietary.

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) - Not Applicable		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: TAFISA Canada inc. CERTIFICATE URL:	ISSUE DATE: 2019-06-17	EXPIRY DATE:	CERTIFIER OR LAB: Composite Panel Association
CERTIFICATION AND COMPLIANCE NOTES: According to LEED v4, emissions and content requirements for Composite Wood are to follow the Composite Wood Evaluation which states: "Composite wood, as defined by the California Air Resources Board, Airborne Toxic Measure to Reduce Formaldehyde Emissions from Composite Wood Products Regulation, must be documented to have low formaldehyde emissions that meet the California Air Resources Board ATCM for formaldehyde requirements for ultra-low-emitting formaldehyde (ULEF) resins or no added formaldehyde resins.			
MULTI-ATTRIBUTE	Multi-attribute: CPA 4-19 Eco-Certified Composites (ECC)		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: TAFISA Canada inc. CERTIFICATE URL:	ISSUE DATE: 2019-01-02	EXPIRY DATE:	CERTIFIER OR LAB: Composite Panel Association
CERTIFICATION AND COMPLIANCE NOTES: Carbon Footprint; Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content; Sustainable Use of Wood Fiber; Responsible Wood Sourcing.			
FORMALDEHYDE EMISSIONS	Substrate meet EPA TSCA Title VI (40 CFR 770), CAN/CSA 0160-16, ANSI A208.1, California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL:	ISSUE DATE: 2019-06-17	EXPIRY DATE:	CERTIFIER OR LAB: Composition Panel Association
CERTIFICATION AND COMPLIANCE NOTES: Fulfills The Requirements Of: Substrate meet EPA TSCA Title VI (40 CFR 770), CAN/CSA-0160-16, ANSI A208.1, California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.			
SUSTAINABLE FORESTRY	FSC Certification - Single Chain of Custody and Controlled Wood.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL:	ISSUE DATE: 2016-07-28	EXPIRY DATE: 2022-07-27	CERTIFIER OR LAB: Preferred by Nature
CERTIFICATION AND COMPLIANCE NOTES: Certificate registration code NC-COC-003089, NC-CW-003089 FSC® licence code : FSC-C006416			
MANAGEMENT	ISO 14001 Environmental management systems.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL:	ISSUE DATE: 2021-06-17	EXPIRY DATE: 2024-06-21	CERTIFIER OR LAB: Bureau de Normalisation du Québec
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 55149-1-02			
MANAGEMENT	ISO 9001 Quality management systems.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL:	ISSUE DATE: 2021-06-14	EXPIRY DATE: 2024-06-21	CERTIFIER OR LAB: Bureau de Normalisation du Québec
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 55148-1-02			
MANAGEMENT	ISO 45001 SST Management Systems.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL:	ISSUE DATE: 2021-06-14	EXPIRY DATE: 2024-06-21	CERTIFIER OR LAB: Bureau de Normalisation du Québec

FORMALDEHYDE EMISSIONS

Substrate meet CARB Composite Wood ATCM CA 93120 Ultra Low-Emitting Formaldehyde (ULEF)

CERTIFYING PARTY: Second Party
APPLICABLE FACILITIES: Tafisa Canada inc.
CERTIFICATE URL:

ISSUE DATE: 2021-09-09
EXPIRY DATE: 2022-05-07

CERTIFIER OR LAB: Composite Panel Association

CERTIFICATION AND COMPLIANCE NOTES: Fulfills The Requirements Of: Substrate meet CARB Composite Wood ATCM CA 93120 Ultra Low-Emitting.

+ 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

Tafisa® decorative panels can be specified in a wide variety of dimensions for efficient processing by furniture and millworker companies alike. Tafisa® offers two types of decorative panels: TAFIPAN® EPA TSCA Title VI compliant and TAFIPAN-EVOLO: EPA TSCA Title VI compliant and CARB ULEF (Ultra Low Emitting Formaldehyde) certified.

MANUFACTURER INFORMATION

MANUFACTURER: Tafisa Canada inc.
ADDRESS: 4660, Villeneuve Street
 Lac-Megantic Quebec G6B2C3, Canada
WEBSITE: <https://tafisa.ca/en>

CONTACT NAME: Jonathan Lamarre
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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.