created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 126534840320

CLASSIFICATION: 09 72 16 Vinyl-Coated Fabric Wall Coverings

PRODUCT DESCRIPTION: Type II Osnaburg Backed Commercial Wallcoverings

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

C Nested Materials Method Basic Method

Threshold Disclosed Per

Material Product **Threshold Level**

C 100 ppm C 1,000 ppm Per GHS SDS

Other

Residuals/Impurities Evaluation

C Completed

C Partially Completed

 Not Completed Explanation(s) provided:

Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Provided weight and role.

Screened

Yes ○ No

Provided screening results using HPDC-approved

methods.

Identified

Yes ○ No

Provided name and CAS RN or other 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

6685 TWINKLE [POLYVINYL CHLORIDE LT-P1 | MAM DIPROPYLHEPTYL PHTHALATE (DPHP) BM-U CAN TITANIUM DIOXIDE LT-1 | CAN | END | MAM KAOLIN LT-UNK | CAN POLYETHYLENE TEREPHTHALATE (PET) LT-P1 EPOXIDIZED SOYBEAN OIL LT-P1 | AQU CALCIUM HYDROXIDE LT-P1 | SKI | MAM | EYE DAKRIL 4B LT-UNK ZINC STEARATE LT-UNK AQU POLYVINYL FLUORIDE (PRIMARY CASRN IS 24981-14-4) LT-UNK MICA LT-UNK MAM ACETIC ACID ETHENYL ESTER, POLYMER WITH CHLOROETHENE AND ETHENOL LT-UNK PIGMENT YELLOW 151 LT-

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...

LT-P1, LT-1

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 listinas.

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

O Yes No

UNK

PREPARER: Self-Prepared

VERIFIER: VERIFICATION #: **SCREENING DATE: 2023-06-02 PUBLISHED DATE: 2023-06-02** EXPIRY DATE: 2026-06-02

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

6685 TWINKLE

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Residues and impurities are not considered.

OTHER PRODUCT NOTES:

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	IAZARD SCREENING DATE: 2023-06-02 7:52:49		
%: 22.0400 - 35.6400	GreenScreen: LT-P1	RC: None	NANO: No SUBSTANCE ROLE: Structure component		
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan	H372 - Causes damage to organs through prolong repeated exposure [Specific target organs/system toxicity following repeated exposure - Category 1]			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautionary List		
			Precautionary list of substances recommended for avoidance		
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
			Core Restrictions		
RESTRICTED LIST	International Living Future Institu	ute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023		
			Red List substances to avoid in Living Building Challenge V4.0 projects		

DIPROPYLHEPTYL PHTHALATE (DPHP)

SUBSTANCE NOTES:

ID: 53306-54-0

	HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZ			HAZARD SCREENING DATE: 2023-06-02 7:58:22		
	%: 6.6000 - 11.0000	GreenScreen: BM-U	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
	HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification				

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Bisphenols and Phthalates
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023
		Red List substances to avoid in Living Building
		Challenge V4.0 projects

TITANIUM DIOXIDE				ID: 13463-67	
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-06-02 7:57:30	
%: 3.0100 - 9.1700	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	US CDC - Occupational Carcino	gens	Occupational Car	rcinogen	
CAN	CA EPA - Prop 65	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route	
CAN	IARC	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
CAN	MAK	MAK		Carcinogen Group 3A - Evidence of carcinogenic effect but not sufficient to establish MAK/BAT value	
END	TEDX - Potential Endocrine Disr	TEDX - Potential Endocrine Disruptors		ne Disruptor	
CAN	MAK	MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
CAN	IARC		Group 2b - Possibly carcinogenic to humans		
CAN	EU - GHS (H-Statements) Annex	6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity Category 2]		
CAN	GHS - Japan	GHS - Japan		d of causing cancer [Carcinogenicity -	
MAM	GHS - Japan		repeated exposur	amage to organs through prolonged or re [Specific target organs/systemic repeated exposure - Category 1]	
CAN	EU - Annex VI CMRs		Carcinogen Cate	gory 2 - Suspected human Carcinogen	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
	. ,	Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
	,	Colorants - Green Circle (Verified Low Concern)

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-06-02 8:03:02

%: 0.4400 - 6.6000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE LIST NAME AND SOURCE WARNINGS

CAN MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

None found No listings found on Additional Hazard Lists

NOTIFICATION

SUBSTANCE NOTES:

ADDITIONAL LISTINGS

POLYETHYLENE TEREPHTHALATE (PET) HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-06-02 7:53:55

%: 4.0900 - 4.0900 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE LIST NAME AND SOURCE WARNINGS

LIST NAME AND SOURCE

None found No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

EPOXIDIZED SOYBEAN OIL ID: 8013-07-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-06-02 8:00:21

%: 1.1700 - 2.9300 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

HAZARD DATA SOURCE: I	Pharos Chemical and Materials Library	HAZARD SO	CREENING DA	TE: 2023-06-02 8:01:34
%: 0.4400 - 2.2000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - Australia		H315 - Caus Category 2]	es skin irritation [Skin corrosion/irritation -
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
SKI	GHS - New Zealand		Skin corrosid	on category 1C
EYE	GHS - New Zealand		Serious eye	damage category 1
EYE	GHS - Japan			es serious eye damage [Serious eye re irritation - Category 1]
SKI	GHS - Japan		H315 - Caus Category 2]	es skin irritation [Skin corrosion / irritation -
EYE	GHS - Australia			es serious eye damage [Serious eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ON
RESTRICTED LIST	Green Science Policy Institute (0	SSPI)	GSPI - Six C	lasses of Problematic Chemicals
			Antimicrobia	als
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation		d v4 Product Standard Restricted List (RSL) - Effective July 1, 2022
			Cosmetics &	Rersonal Care Products

DAKRIL 4B ID: 25852-37-3

HAZARD DATA SOURCE:	HAZARD SCREENING DATE: 2023-06-02 8:03:43			
%: 0.4400 - 2.2000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	varnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

None found		No listings found on Additional Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION

ZINC STEARATE ID: 557-05-1 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-06-02 8:04:27 %: 0.4000 - 2.2000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Structure component HAZARD TYPE LIST NAME AND SOURCE WARNINGS AQU GHS - New Zealand Hazardous to the aquatic environment - acute category LIST NAME AND SOURCE **NOTIFICATION** ADDITIONAL LISTINGS RESTRICTED LIST Cradle to Cradle Products Innovation C2C Certified v4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials RESTRICTED LIST Cradle to Cradle Products Innovation C2C Certified v4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022

Children's Products

SUBSTANCE NOTES:

POLYVINYL FLUORIDE (PRIMARY CASRN IS 24981-14-4)

ID: 95508-16-0

HAZARD DATA SOURCE:	HAZARD SCREENING DATE: 2023-06-02 7:59:26			
%: 2.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No w	varnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		PFAS
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Core Restrictions
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023
		Red List substances to avoid in Living Building Challenge V4.0 projects

SUBSTANCE NOTES:

MICA				ID: 12001-26-2
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-06-02 8:07:41
%: 0.2200 - 0.3300	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Ink
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No I	listings found on Additional Hazard Lists

ACETIC ACID ETHENYL ESTER, POLYMER WITH CHLOROETHENE AND ETHENOL

ID: 25086-48-0

	HAZARD DATA SOURCE:	HAZARD SCREENING DATE: 2023-06-02 8:05:41			
	%: 0.2800 - 0.2800	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
	HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Core Restrictions

PIGMENT YELLOW 151 ID: 31837-42-0					
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-06-02 8:06:57	
%: 0.2300 - 0.2300	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Ink	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	listings found on Additional Hazard Lists	

SUBSTANCE NOTES:



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) - Classroom & Office scenario

CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Indoor Facilities ISSUE DATE: 2020-09-02 **EXPIRY DATE:**

CERTIFIER OR LAB: Berkeley

Analytical

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

Twinkle is 100% Vinyl Type II Wallcovering material Cleaning code: W

MANUFACTURER INFORMATION

MANUFACTURER: Designtex
ADDRESS: 37 County Avenue
Seacaucus NJ 07094, United States
WEBSITE: www.Designtex.com

TITLE: Product Compliance PHONE: 2019177743

EMAIL: aphadnis@designtex.com

CONTACT NAME: Adity Phadnis

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

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

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

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)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown

NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.