

HPD UNIQUE IDENTIFIER: 21879

CLASSIFICATION: 12 05 13 Fabrics

PRODUCT DESCRIPTION: Hospital and Privacy Curtain Fabric, Pallas 29.091

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other

Residuals/Impurities

Residuals/Impurities
Considered in 1 of 11 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.

Threshold Disclosed Per

- Material
- Product

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

POLYESTER FIBER [POLYETHYLENE TEREPHTHALATE (PET) LT-UNK
TITANIUM DIOXIDE LT-1 | CAN | END ANTIMONY TRIOXIDE BM-1 | CAN |
MUL SODIUM DODECYLBENZENE SULFONATE LT-P1 | MUL] YELLOW 42
[C.I. 10338 (PRIMARY CASRN IS 5124-25-4) LT-UNK] YELLOW 64 [1H-
INDENE-1,3(2H)-DIONE, 2-(4-BROMO-3-HYDROXY-2-QUINOLINYL)- LT-
UNK] YELLOW 114 [2-((2-ETHYLHEXYL)AMINO)ETHANOL NoGS]
YELLOW 86 [BENZENESULFONAMIDE, 4-[[4-ETHOXYPHENYL)AMINO]-
N,N-DIMETHYL-3-NITRO- LT-UNK] ORANGE 30 [C.I. DISPERSE ORANGE
30 (PRIMARY CASRN IS 5261-31-4) LT-P1 | PBT] TURQUOISE SBG [1H-
NAPHTH[2,3-F]ISOINDOLE-1,3,5,10(2H)-TETRAONE, 4,11-DIAMINO-2-(3-
METHOXYPROPYL)- LT-UNK] BLUE 60 [1H-NAPHTH[2,3-F]ISOINDOLE-
1,3,5,10(2H)-TETRAONE, 4,11-DIAMINO-2-[3-(2-
METHOXYETHOXY)PROPYL]- LT-UNK] BLUE 54 [9,10-
ANTHRACENEDIONE, 1,5-DIHYDROXY-4-NITRO-8-(PHENYLAMINO)-
NoGS] RED 60 [9,10-ANTHRACENEDIONE, 1-AMINO-4-HYDROXY-2-
PHENOXY- LT-UNK] YELLOW KRL [9,10-ANTHRACENEDIONE, 1,8-
BIS(PHENYLTHIO)- LT-UNK]

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

Contents highest concern GreenScreen
Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
As reported by mill.

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: SCS Indoor Advantage Gold - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2019-10-23
PUBLISHED DATE: 2020-09-25
EXPIRY DATE: 2022-10-23



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

POLYESTER FIBER

#: 99.0000 - 99.5000

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals confined to catalyst and dyebath additive.

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: NoneAll substances in this material are below the reportable threshold.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-23

#: 99.6500 - 99.6500

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Textile component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: 100% RF polyester

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-23

#: 0.2000 - 0.2000

GS: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Surface modifier

HAZARD TYPE

AGENCY AND LIST TITLES

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

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Fiber delustrant, bound in the polymer

ANTIMONY TRIOXIDE

ID: 1309-64-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-23

#: **Impurity/Residual** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	GHS - Japan	Carcinogenicity - Category 1B [H350]

SUBSTANCE NOTES: Residual catalyst, bound in the polymer

SODIUM DODECYLBENZENE SULFONATE

ID: 25155-30-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-23

#: **0.0000 - 0.0010** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Dye lever residual substance

YELLOW 42

#: **0.0000 - 0.3000**

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Other: Dye

RESIDUALS AND IMPURITIES NOTES: Residuals not disclosed by supplier

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: Yellow Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-10-23**%: **99.0000 - 99.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None****YELLOW 64**%: **0.0000 - 0.1400**MATERIAL THRESHOLD: **100 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **No**MATERIAL TYPE: **Other: Dye**RESIDUALS AND IMPURITIES NOTES: **Residuals not disclosed by supplier**HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>OTHER MATERIAL NOTES: **Yellow Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.****1H-INDENE-1,3(2H)-DIONE, 2-(4-BROMO-3-HYDROXY-2-QUINOLINYL)-**ID: **10319-14-9**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-10-23**%: **90.0000 - 95.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None****YELLOW 114**%: **0.0000 - 0.0100**MATERIAL THRESHOLD: **100 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **No**MATERIAL TYPE: **Other: Dye**RESIDUALS AND IMPURITIES NOTES: **Residuals not disclosed by supplier**HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>OTHER MATERIAL NOTES: **Yellow Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.**

2-((2-ETHYLHEXYL)AMINO)ETHANOL

ID: 61968-66-9

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

HAZARD SCREENING DATE: **2019-10-23**

HAZARD TYPE: **%: 90.0000 - 95.0000**

AGENCY AND LIST TITLES: **GS: NoGS**

WARNINGS: **RC: None**

NANO: No

SUBSTANCE ROLE: Dye

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

YELLOW 86

%: 0.0000 - 0.1100

MATERIAL THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

MATERIAL TYPE: **Other: Dye**

RESIDUALS AND IMPURITIES NOTES: **Residuals not disclosed by supplier**

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: **Yellow Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.**

BENZENESULFONAMIDE, 4-[[4-ETHOXYPHENYL)AMINO]-N,N-DIMETHYL-3-NITRO-

ID: 67338-59-4

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

HAZARD SCREENING DATE: **2019-10-23**

HAZARD TYPE: **%: 90.0000 - 95.0000**

AGENCY AND LIST TITLES: **GS: LT-UNK**

WARNINGS: **RC: None**

NANO: No

SUBSTANCE ROLE: Dye

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

ORANGE 30

%: 0.0000 - 0.0100

MATERIAL THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

MATERIAL TYPE: **Other: Dye**

RESIDUALS AND IMPURITIES NOTES: **Residuals not disclosed by supplier**

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: **Orange Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.**

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

HAZARD SCREENING DATE: **2019-10-23**

#: **90.0000 - 95.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PBT EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

SUBSTANCE NOTES: **None**

TURQUOISE SBG

#: **0.0000 - 0.1600**

MATERIAL THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

MATERIAL TYPE: **Other: Dye**

RESIDUALS AND IMPURITIES NOTES: **Residuals not disclosed by supplier**

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: **Blue Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.**

1H-NAPHTH[2,3-F]ISOINDOLE-1,3,5,10(2H)-TETRONE, 4,11-DIAMINO-2-(3-METHOXYPROPYL)-

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

HAZARD SCREENING DATE: **2019-10-23**

#: **95.0000 - 95.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

BLUE 60

#: **0.0000 - 0.0300**

MATERIAL THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

MATERIAL TYPE: **Other: Dye**

RESIDUALS AND IMPURITIES NOTES: **Residuals not disclosed by supplier**

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: **Blue Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-23

#: 95.0000 - 95.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Dye

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

BLUE 54

#: 0.0000 - 0.0300

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Other: Dye

RESIDUALS AND IMPURITIES NOTES: Residuals not disclosed by supplier

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: Blue Due -- concentration varies. All substances in this material are below the reportable threshold.

9,10-ANTHRACENEDIONE, 1,5-DIHYDROXY-4-NITRO-8-(PHENYLAMINO)-

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-23

#: 95.0000 - 95.0000

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Dye

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

RED 60

#: 0.0000 - 0.0200

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Other: Dye

RESIDUALS AND IMPURITIES NOTES: Residuals not disclosed by supplier

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: Red Dye -- concentration varies by fabric color. All substances in this material are below the reportable threshold.

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

HAZARD SCREENING DATE: **2019-10-23**

#: **95.0000 - 95.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

YELLOW KRL

#: **0.0000 - 0.0300**

MATERIAL THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

MATERIAL TYPE: **Other: Dye**

RESIDUALS AND IMPURITIES NOTES: **Residuals not disclosed by supplier**

HPD URL: <https://www.pallastextiles.com/patterns/sun-salutation/>

OTHER MATERIAL NOTES: **Yellow Dye blend -- concentration varies by fabric color. All substances in this material are below the reportable threshold.**

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

HAZARD SCREENING DATE: **2019-10-23**

#: **49.0000 - 49.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

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

SCS Indoor Advantage Gold - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2021-**

CERTIFIER OR LAB: **SCS Global**

APPLICABLE FACILITIES: **Green Bay, WI**

06-02

06-01

Services

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

No general notes for this product



MANUFACTURER INFORMATION

MANUFACTURER: **Pallas Textiles**
 ADDRESS: **1330 Bellevue St**
Green bay WI 54302, United States
 WEBSITE: **www.pallastextiles.com**

CONTACT NAME: **Robin Kunstmann**
 TITLE: **Sustainability Manager**
 PHONE: **920-468-2335**
 EMAIL: **pallas.sustainability@pallastextiles.com**

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.