

CLASSIFICATION: 12 05 13 Fabrics

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Overture is a great addition to your high performance foundation upholstery collection. Space dyed boucle yarn gives Overture texture and visual interest. This well priced upholstery offers classic saturated tones and lends itself to corporate and education markets. Overture is part of the KT Collection of affordable modern design.

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
 Per OSHA MSDS
 Other

Residuals/Impurities

Residuals/Impurities Considered in 0 of 1 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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.

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... BM-1
Nanomaterial..... No

MATERIAL | **SUBSTANCE** | *RESIDUAL OR IMPURITY*
GREENSCREEN SCORE | HAZARD TYPE

FABRIC CONTENTS [POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK**
POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** BACKCOATING
TITANIUM DIOXIDE **LT-1** | CAN | END UNDISCLOSED **LT-UNK**
UNDISCLOSED FLUOROALKYL METHACRYLATE COPOLYMER
UNDISCLOSED **LT-P1** | PBT UNDISCLOSED UNDISCLOSED **LT-UNK**
UNDISCLOSED UNDISCLOSED **LT-P1** | PBT UNDISCLOSED **LT-UNK**
UNDISCLOSED UNDISCLOSED UNDISCLOSED **LT-UNK** UNDISCLOSED
UNDISCLOSED UNDISCLOSED UNDISCLOSED **LT-UNK** UNDISCLOSED
UNDISCLOSED **LT-P1** | PBT UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-P1** |
PBT UNDISCLOSED ACETIC ACID 30% **LT-UNK** | RES | SKI UNDISCLOSED
LT-P1 | PBT UNDISCLOSED **LT-P1** | PBT UNDISCLOSED **LT-UNK**
UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** **ANTIMONY TRIOXIDE** **BM-1**
| MAM | AQU | CAN | MUL **ANTIMONY COMPOUNDS, INORGANIC** **LT-1** |
AQU | CAN **ANTIMONY COMPOUNDS** **LT-P1** | AQU **NON HALOGENATED**
FLAME RETARDANTS **NoGS** **FLAME RETARDANTS, NON-HALOGENATED,**
NON-ORGANOPHOSPHOROUS **NoGS** **FLAME RETARDANTS** **NoGS**
MANGANESE OXIDE **LT-UNK** **NITROGEN** **NoGS** **ZINC OXIDE** **BM-1** | RES |
AQU | MUL **BIOCIDAL COATINGS / BIOCIDAL ADDITIVES (GADSL LIST)**
NoGS **AZOCOLLOURANTS AND AZODYES** **NoGS** **BIOCIDES** **NoGS**
ANTIMICROBIALS **NoGS** **ZINC COMPOUNDS** **LT-UNK** **ANTIMONY TRIOXIDE**
BM-1 | MAM | AQU | CAN | MUL **ANTIMONY COMPOUNDS, INORGANIC** **LT-1**
| AQU | CAN **ANTIMONY COMPOUNDS** **LT-P1** | AQU **NON HALOGENATED**
FLAME RETARDANTS **NoGS** **FLAME RETARDANTS, NON-HALOGENATED,**
NON-ORGANOPHOSPHOROUS **NoGS** **FLAME RETARDANTS** **NoGS**
MANGANESE OXIDE **LT-UNK** **NITROGEN** **NoGS** **ZINC OXIDE** **BM-1** | RES |
AQU | MUL **BIOCIDAL COATINGS / BIOCIDAL ADDITIVES (GADSL LIST)**
NoGS **AZOCOLLOURANTS AND AZODYES** **NoGS** **BIOCIDES** **NoGS**
ANTIMICROBIALS **NoGS** **ZINC COMPOUNDS** **LT-UNK** (Z,Z)-9,12-
OCTADECADIENOIC ACID **LT-UNK** **CONJUGATED LINOLEIC ACID** **LT-UNK**
OLEIC ACID **LT-P1** | END **PALMITIC ACID** **LT-P1** | END **STEARIC ACID** **LT-P1**
| END]

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: UL/GreenGuard Certified
Multi-attribute: NSF/ANSI 336: Sustainability Standard for Commercial

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-02-12

PUBLISHED DATE: 2018-02-12

EXPIRY DATE: 2021-02-12

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

FABRIC CONTENTS

%: 100.0000 - 100.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.

OTHER MATERIAL NOTES:

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 66.0000 - 67.0000

GS: LT-UNK

RC: PreC

NANO: No

ROLE: Filament Yarn

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: 100% Pre-Consumer Recycled Content.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 25.0000 - 26.0000

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Filament Yarn

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: 100% Post-Consumer Recycled Content.

BACKCOATING

ID: Undisclosed

%: 7.0000 - 7.5000

GS:

RC: None

NANO: No

ROLE: SBR Backcoating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Chemical identity of polymer and formulation withheld by supplier as trade secret.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.1800 - 0.2000

GS: LT-1

RC: None

NANO: No

ROLE: Fiber Delustrant

HAZARDS:	AGENCY(IES) WITH 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

SUBSTANCE NOTES: Bound in polyester polymer.

UNDISCLOSED

#: **0.1300 - 1.0800** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0300 - 1.4000** GS: RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

FLUOROALKYL METHACRYLATE COPOLYMER

ID: **Undisclosed**

#: **0.0100 - 0.1500** GS: RC: **None** NANO: **No** ROLE: **Repellent Treatment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: CAS # (092265-81-1) for this substance is not populating.

UNDISCLOSED

#: **0.0100 - 0.7200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
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SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

%: 0.0000 - 0.4200	GS:	RC: None	NANO: No	ROLE: Dye
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

%: 0.0000 - 0.2900	GS: LT-UNK	RC: None	NANO: No	ROLE: Dye
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

%: 0.0000 - 0.1100	GS:	RC: None	NANO: No	ROLE: Dye
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

%: 0.0000 - 0.1900	GS: LT-P1	RC: None	NANO: No	ROLE: Dye
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
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SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 0.5400** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 0.4700** GS: RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 0.5800** GS: RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 0.1400** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 0.2800** GS: RC: **None** NANO: **No** ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 1.3200**

GS:

RC: **None**

NANO: **No**

ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 1.3200**

GS:

RC: **None**

NANO: **No**

ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 0.2200**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED

#: **0.0000 - 0.3700**

GS:

RC: **None**

NANO: **No**

ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED%: **0.0000 - 0.6700**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED%: **0.0000 - 0.1100**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED%: **0.0000 - 0.3100**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

UNDISCLOSED%: **0.0000 - 0.1100**

GS:

RC: **None**NANO: **No**ROLE: **Dye**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Note: range shows minimum and maximum concentration in each fabric color sku. "0" indicates that one or more colors do not contain this dye. Listed concentration assumes 100% take-up of the dye by the fiber, the worst-case assumption.

ACETIC ACID 30%ID: **64-19-7**%: **0.0000 - 0.1000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Dye Auxiliary**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced

SKIN IRRITATION EU - GHS (H-Statements) H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: Possible dye auxiliary residual- all expected to be less than 1000 ppm.

UNDISCLOSED

#: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

PBT EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: Possible dye auxiliary residual- all expected to be less than 1000 ppm.

UNDISCLOSED

#: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

PBT EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: Possible dye auxiliary residual- all expected to be less than 1000 ppm.

UNDISCLOSED

#: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Possible dye auxiliary residual- all expected to be less than 1000 ppm.

UNDISCLOSED

#: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Possible dye auxiliary residual- all expected to be less than 1000 ppm.

UNDISCLOSED

GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Possible dye auxiliary residual- all expected to be less than 1000 ppm.

ANTIMONY TRIOXIDEID: **1309-64-4**

GS: **BM-1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

ACUTE AQUATIC

EU - R-phrases

R51 - Toxic to Aquatic Organisms

CANCER

IARC

Group 2B - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

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

Japan - GHS

Carcinogenicity - Category 1B

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ANTIMONY COMPOUNDS, INORGANICID: **Not registered**

GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ANTIMONY COMPOUNDSID: **Not registered**

GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CHRON AQUATIC	EU - GHS (H-Statements) H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES: Imported from Pharos process chemistry research

NON HALOGENATED FLAME RETARDANTS

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

FLAME RETARDANTS, NON-HALOGENATED, NON-ORGANOPHOSPHOROUS

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

FLAME RETARDANTS

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

MANGANESE OXIDE

ID: **1317-34-6**

#: **Impurity/Residual** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

NITROGEN

ID: **7727-37-9**

#: **Impurity/Residual**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ZINC OXIDE

ID: **1314-13-2**

#: **Impurity/Residual**

GS: **BM-1**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagens (ARs) - sensitizer-induced - inhalable forms only

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Imported from Pharos process chemistry research

BIOCIDAL COATINGS / BIOCIDAL ADDITIVES (GADSL LIST)

ID: **Not registered**

#: **Impurity/Residual**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

AZOCOLLOURANTS AND AZODYES

ID: **Not registered**

#: **Impurity/Residual**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

BIOCIDES

ID: **Not registered**

#: **Impurity/Residual**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

ANTIMICROBIALSID: **Not registered**

%: Impurity/Residual	GS: NoGS	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ZINC COMPOUNDSID: **Not registered**

%: Impurity/Residual	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ANTIMONY TRIOXIDEID: **1309-64-4**

%: Impurity/Residual	GS: BM-1	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

ACUTE AQUATIC

EU - R-phrases

R51 - Toxic to Aquatic Organisms

CANCER

IARC

Group 2B - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

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

Japan - GHS

Carcinogenicity - Category 1B

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ANTIMONY COMPOUNDS, INORGANICID: **Not registered**

%: Impurity/Residual	GS: LT-1	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:	AGENCY (IES) WITH WARNINGS:	
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ANTIMONY COMPOUNDS

ID: **Not registered**

#: **Impurity/Residual** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY (IES) WITH WARNINGS:	
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES: Imported from Pharos process chemistry research

NON HALOGENATED FLAME RETARDANTS

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY (IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Imported from Pharos process chemistry research

FLAME RETARDANTS, NON-HALOGENATED, NON-ORGANOPHOSPHOROUS

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY (IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Imported from Pharos process chemistry research

FLAME RETARDANTS

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY (IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Imported from Pharos process chemistry research

MANGANESE OXIDEID: **1317-34-6**

%: Impurity/Residual	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

NITROGENID: **7727-37-9**

%: Impurity/Residual	GS: NoGS	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ZINC OXIDEID: **1314-13-2**

%: Impurity/Residual	GS: BM-1	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Imported from Pharos process chemistry research

BIOCIDAL COATINGS / BIOCIDAL ADDITIVES (GADSL LIST)ID: **Not registered**

%: Impurity/Residual	GS: NoGS	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

AZOCOLOURANTS AND AZODYESID: **Not registered**

%: Impurity/Residual	GS: NoGS	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

BIOCIDES

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ANTIMICROBIALS

ID: **Not registered**

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ZINC COMPOUNDS

ID: **Not registered**

#: **Impurity/Residual** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

(Z,Z)-9,12-OCTADECADIENOIC ACID

ID: **60-33-3**

#: **Impurity/Residual** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

CONJUGATED LINOLEIC ACID

ID: **121250-47-3**

#: **Impurity/Residual** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

OLEIC ACID

ID: 112-80-1

#: **Impurity/Residual** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES: Imported from Pharos process chemistry research

PALMITIC ACID

ID: 57-10-3

#: **Impurity/Residual** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES: Imported from Pharos process chemistry research

STEARIC ACID

ID: 57-11-4

#: **Impurity/Residual** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES: Imported from Pharos process chemistry research

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 Certified		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-12-06	EXPIRY DATE: 2018-10-19	CERTIFIER OR LAB: UL Environment Inc.

CERTIFICATION AND COMPLIANCE NOTES: Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1. Seating products are modeled in the seating environment with a ventilation rate of 24.8 m³/hour. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.

MULTI-ATTRIBUTE

NSF/ANSI 336: Sustainability Standard for Commercial Furnishings Fabric - 2011 Silver

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2014-09-

EXPIRY DATE: 2019-

CERTIFIER OR LAB: SCS Global

APPLICABLE FACILITIES: N/A

24

09-23

Services

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: NSF/ANSI 336 2011 Sustainability Assessment for Commercial Furnishings Fabric Standard (Silver).

+ 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

Textile warehousing and shipping from KnollTextiles, LUBIN Building, East Greenville, Pennsylvania facility. The East Greenville Pennsylvania textile warehouse, textile quality control, textile shipping, furniture manufacturing and commercial interiors facility is LEED Existing Building Gold Certified. This facility is also ISO 14001 and ISO 9001 Certified. Textiles can be purchased without finishes as a custom order to meet specific environmental standards, however, it may not comply with some contract market standards. Prior evaluation and approval is required by KnollTextiles. Confidentiality Notice: This data is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged, confidential and exempt from disclosure under applicable law. Information has been provided by the supplier to the best of their knowledge at time of completion.

👁️ Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **KnollTextiles**

ADDRESS: **1235 Water Street**

East Greenville Pennsylvania 18041, USA

WEBSITE: **<https://www.knoll.com/shop/knolltextiles>**

CONTACT NAME: **KnollTextiles**

TITLE: **N/A**

PHONE: **866-565-5858**

EMAIL: **textiles_orders@knoll.com**

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.