

CLASSIFICATION: 12 05 13 Fabrics

PRODUCT DESCRIPTION: Designed by Dorothy Cosonas, Ikat Stripe takes the classic Ikat pattern concept and modernizes it with a larger scale and the addition of various weave structures.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

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?

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.

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:

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

FABRIC CONTENTS [ COTTON NoGS POLYESTER NoGS NYLON NoGS  
RAYON (OBSCURE CASRN, USE 9004-34-6) NoGS TRIMETHYLPENTANE  
ISOMERS LT-UNK | CAN ALUMINA TRIHYDRATE BM-2 | RES ALUMINUM  
COMPOUNDS LT-UNK | RES NON HALOGENATED FLAME RETARDANTS  
NoGS FLAME RETARDANTS, NON-HALOGENATED, NON-  
ORGANOPHOSPHOROUS NoGS FLAME RETARDANTS NoGS AROMATIC  
NAPHTHA, TYPE 1 LT-1 | MAM | GEN | CAN | MUL | END 1,2-  
DIETHYLBENZENE LT-P1 | MUL 2-METHYL-2-PHENYLPROPANE LT-UNK  
DIMETHYLSTYRENE NoGS DIVINYLBENZENE LT-P1 | MUL NAPHTHALENE  
BM-1 | CAN | PBT | AQU | MUL | END COAL TAR LT-1 | CAN  
BENZ[A]ANTHRACENE LT-1 | CAN | PBT | END | AQU | MUL | GEN  
POLYCYCLIC AROMATIC COMPOUNDS (OSHA EXCLUSIONS) LT-1 | PBT  
POLYCYCLIC AROMATIC COMPOUNDS - COMPOUND GROUP LT-1 | PBT  
POLYCYCLIC AROMATIC HYDROCARBONS (PAH) LT-1 | PBT TARS, COAL  
NoGS TRIMETHYLBENZENE BM-2 | AQU | SKI | EYE | MUL SOLVENT  
NAPHTHA (PETROLEUM), AND RELATED PROCESSED PRODUCTS NoGS  
COBALTNAPHTHENATE LT-1 | RES | CAN | GEN COBALTCOMPOUNDS  
LT-1 | RES | CAN | GEN COBALTCOMPOUNDS THAT RELEASE COBALT  
IONS IN VIVO LT-1 | CAN COBALTOCTOATE LT-1 | RES | CAN | MUL | GEN  
2-ETHYLHEXANOIC ACID LT-P1 | DEV | END | REP COBALT LT-1 | RES |  
CAN | SKI | MUL | GEN BUTOXYPROPANOL LT-UNK | SKI | EYE 1-  
PROPANOL-2-BUTOXY NoGS PROPYLENE GLYCOL & GLYCOL ETHERS  
(PGES) NoGS OCTANOIC ACID LT-P1 | SKI | END CHROMIUM (III)  
COMPOUNDS LT-UNK | SKI DIMETHYL PHTHALATE (DMP) LT-P1 | END  
DIMETHYL PHTHALATE AND METABOLITE NoGS PHTHALATES  
(ORTHOPHTHALATES) NoGS LIMESTONE; CALCIUM CARBONATE LT-UNK  
CALCIUM SULFATE DIHYDRATE LT-UNK QUARTZ LT-1 | CAN  
CRYSTALLINE SILICAS - RESPIRABLE LT-1 | CAN SILICA, AMORPHOUS  
LT-P1 | CAN AMORPHOUS SILICA SUBGROUPS (MAK LIST) LT-UNK ZINC  
STEARATE LT-UNK ZINC COMPOUNDS LT-UNK POLYCYCLIC AROMATIC  
HYDROCARBONS (PAH) (US NIH ROC) NoGS CHROMIUM COMPOUNDS  
NoGS 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE LT-P1 | END  
1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE LT-UNK | CAN  
1-PROPANOL, 2-METHYL-, SODIUM SALT (1:1) NoGS ]

## 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

## CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes  
 No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2018-05-25**

PUBLISHED DATE: **2018-05-25**

EXPIRY DATE: **2021-05-25**



## 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 2.1, available on the HPDC website at: [www.hpdc-collaborative.org/hpd-2-1-standard](http://www.hpdc-collaborative.org/hpd-2-1-standard)

### FABRIC CONTENTS

#: 100.0000 - 100.0000

HPD URL:

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.

OTHER MATERIAL NOTES:

#### COTTON

ID: Not registered

#: 34.0000 - 34.0000

GS: NoGS

RC: None

NANO: No

ROLE: Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### POLYESTER

ID: 113669-95-7

#: 27.0000 - 27.0000

GS: NoGS

RC: None

NANO: No

ROLE: Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### NYLON

ID: 63428-83-1

#: 24.0000 - 24.0000

GS: NoGS

RC: None

NANO: No

ROLE: Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### RAYON (OBSCURE CASRN, USE 9004-34-6)

ID: 99331-82-5

#: 15.0000 - 15.0000

GS: NoGS

RC: None

NANO: No

ROLE: Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**TRIMETHYLPENTANE ISOMERS**

ID: Not registered

#: Impurity/Residual

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**ALUMINA TRIHYDRATE**

ID: 21645-51-2

#: Impurity/Residual

GS: BM-2

RC: UNK

NANO: No

ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

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

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**ALUMINUM COMPOUNDS**

ID: Not registered

#: Impurity/Residual

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

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

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**

|                             |                 |                |                 |                                |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>NoGS</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|

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**

|                             |                 |                |                 |                                |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>NoGS</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**AROMATIC NAPHTHA, TYPE 1**ID: **64742-95-6**

|                             |                 |                |                 |                                |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-1</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

GENE MUTATION

EU - GHS (H-Statements)

H340 - May cause genetic defects

CANCER

EU - GHS (H-Statements)

H350 - May cause cancer

CANCER

EU - REACH Annex XVII CMRs

Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

GENE MUTATION

EU - REACH Annex XVII CMRs

Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

GENE MUTATION

EU - Annex VI CMRs

Mutagen - Category 1B

GENE MUTATION

Australia - GHS

H340 - May cause genetic defects

CANCER

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## 1,2-DIETHYLBENZENE

ID: 25340-17-4

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## 2-METHYL-2-PHENYLPROPANE

ID: 98-06-6

#: **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

## DIMETHYLSTYRENE

ID: 27576-03-0

#: **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

## DIVINYLBENZENE

ID: 1321-74-0

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## NAPHTHALENE

ID: 91-20-3

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

|               |  |   |
|---------------|--|---|
| CANCER        | US EPA - IRIS Carcinogens                        | (1986) Group C - Possible human Carcinogen                  |
| CANCER        | IARC   | Group 2B - Possibly carcinogenic to humans                  |
| CANCER        | CA EPA - Prop 65                                 | Carcinogen  |
| PBT           | US EPA - Priority PBTs (NWMP)                    | Priority PBT  |
| PBT           | WA DoE - PBT                                     | PBT   |
| CANCER        | US NIH - Report on Carcinogens                   | Reasonably Anticipated to be Human Carcinogen               |
| PBT           | US EPA - Toxics Release Inventory PBTs           | PBT   |
| PBT           | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Chemical for Priority Action                          |
| 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 |
| CANCER        | EU - GHS (H-Statements)                          | H351 - Suspected of causing cancer                          |
| MULTIPLE      | ChemSec - SIN List                               | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant        |
| ENDOCRINE     | ChemSec - SIN List                               | Endocrine Disruption  |
| ENDOCRINE     | TEDX - Potential Endocrine Disruptors            | Potential Endocrine Disruptor                               |
| MULTIPLE      | German FEA - Substances Hazardous to Waters      | Class 3 - Severe Hazard to Waters                           |
| CANCER        | MAK  | Carcinogen Group 2 - Considered to be carcinogenic for man  |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## COAL TAR

ID: 65996-89-6

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

|        |                                |   |
|--------|--------------------------------|---|
| CANCER | US NIH - Report on Carcinogens | Known to be a human Carcinogen  |
| CANCER | EU - GHS (H-Statements)        | H350 - May cause cancer   |
| CANCER | EU - REACH Annex XVII CMRs     | Carcinogen Category 1 - Substances known to be Carcinogenic to man      |
| CANCER | EU - Annex VI CMRs             | Carcinogen Category 1A - Known human Carcinogen based on human evidence |
| CANCER | Australia - GHS                | H350 - May cause cancer   |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## BENZ[A]ANTHRACENE

ID: 56-55-3

| HAZARDS:      | AGENCY(IES) WITH WARNINGS:                       |  |
|---------------|--|--|
| CANCER        | US EPA - IRIS Carcinogens                        | (1986) Group B2 - Probable human Carcinogen  |
| CANCER        | IARC   | Group 2B - Possibly carcinogenic to humans   |
| CANCER        | CA EPA - Prop 65                                 | Carcinogen   |
| PBT           | WA DoE - PBT                                     | PBT  |
| CANCER        | US NIH - Report on Carcinogens                   | Reasonably Anticipated to be Human Carcinogen  |
| PBT           | US EPA - Toxics Release Inventory PBTs           | PBT  |
| PBT           | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Substance of Possible Concern  |
| PBT           | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Chemical for Priority Action   |
| ENDOCRINE     | EU - Priority Endocrine Disruptors               | Category 2 - In vitro evidence of biological activity related to Endocrine Disruption          |
| PBT           | OR DEQ - Priority Persistent Pollutants          | Priority Persistent Pollutant - Tier 1   |
| CHRON AQUATIC | EU - GHS (H-Statements)                          | H410 - Very toxic to aquatic life with long lasting effects                                    |
| ACUTE AQUATIC | EU - GHS (H-Statements)                          | H400 - Very toxic to aquatic life M = 100  |
| CANCER        | EU - GHS (H-Statements)                          | H350 - May cause cancer  |
| CANCER        | EU - REACH Annex XVII CMRs                       | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| MULTIPLE      | ChemSec - SIN List                               | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| ENDOCRINE     | TEDX - Potential Endocrine Disruptors            | Potential Endocrine Disruptor  |
| CANCER        | MAK  | Carcinogen Group 2 - Considered to be carcinogenic for man                                     |
| CANCER        | EU - Annex VI CMRs                               | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                          |
| GENE MUTATION | MAK  | Germ Cell Mutagen 3a   |
| CANCER        | Australia - GHS                                  | H350 - May cause cancer  |
| CANCER        | EU - SVHC Authorisation List                     | Carcinogenic - Candidate list  |
| PBT           | EU - SVHC Authorisation List                     | PBT - Candidate list   |
| PBT           | EU - SVHC Authorisation List                     | vPvB - Candidate list  |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**POLYCYCLIC AROMATIC COMPOUNDS (OSHA EXCLUSIONS)**

ID: **Not registered**



|          |  |     |
|----------|--|-----|
| HAZARDS: | AGENCY(IES) WITH WARNINGS:             |     |
| PBT      | US EPA - Toxics Release Inventory PBTs | PBT |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**POLYCYCLIC AROMATIC COMPOUNDS - COMPOUND GROUP**

ID: **Not registered**

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

|          |  |     |
|----------|--|-----|
| HAZARDS: | AGENCY(IES) WITH WARNINGS:             |     |
| PBT      | US EPA - Toxics Release Inventory PBTs | PBT |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**POLYCYCLIC AROMATIC HYDROCARBONS (PAH)**

ID: **Not registered**

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

|          |  |                                    |
|----------|--|------------------------------------|
| HAZARDS: | AGENCY(IES) WITH WARNINGS:                       |                                    |
| PBT      | WA DoE - PBT                                     | PBT                                |
| PBT      | US EPA - Toxics Release Inventory PBTs           | PBT                                |
| PBT      | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Chemical for Priority Action |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**TARS, COAL**

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

**TRIMETHYL BENZENE**

ID: **25551-13-7**

#: **Impurity/Residual**      GS: **BM-2**      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 |

|                 |   |                                      |
|-----------------|---|--------------------------------------|
| SKIN IRRITATION | EU - GHS (H-Statements)                     | H315 - Causes skin irritation        |
| EYE IRRITATION  | EU - GHS (H-Statements)                     | H319 - Causes serious eye irritation |
| MULTIPLE        | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters           |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### SOLVENT NAPHTHA (PETROLEUM), AND RELATED PROCESSED PRODUCTS

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

### COBALT NAPHTHENATE

ID: **61789-51-3**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

GENE MUTATION

MAK

Germ Cell Mutagen 3a

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### COBALT COMPOUNDS

ID: **Not registered**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

GENE MUTATION

MAK

Germ Cell Mutagen 3a

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## COBALT COMPOUNDS THAT RELEASE COBALT IONS IN VIVO

ID: **Not registered**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## COBALT OCTOATE

ID: **136-52-7**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

GENE MUTATION

MAK

Germ Cell Mutagen 3a

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## 2-ETHYLHEXANOIC ACID

ID: **149-57-5**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

DEVELOPMENTAL

EU - GHS (H-Statements)

H361d - Suspected of damaging the unborn child

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

REPRODUCTIVE

Japan - GHS

Toxic to reproduction - Category 1B

SUBSTANCE NOTES: Imported from Pharos process chemistry research

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

|                |   |  |
|----------------|---|--|
| RESPIRATORY    | AOEC - Asthmagens                           | Asthmagen (G) - generally accepted   |
| 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                                    |
| RESPIRATORY    | AOEC - Asthmagens                           | Asthmagen (ARs) - sensitizer-induced - inhalable forms only                      |
| SKIN SENSITIZE | EU - GHS (H-Statements)                     | H317 - May cause an allergic skin reaction                                       |
| RESPIRATORY    | EU - GHS (H-Statements)                     | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| MULTIPLE       | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters  |
| CANCER         | MAK   | Carcinogen Group 2 - Considered to be carcinogenic for man                       |
| RESPIRATORY    | MAK   | Sensitizing Substance Cat - Danger of airway & skin sensitization                |
| GENE MUTATION  | MAK   | Germ Cell Mutagen 3a   |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## BUTOXYPROPANOL

ID: 5131-66-8

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

|                 |                         |                                      |
|-----------------|-------------------------|--------------------------------------|
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation        |
| EYE IRRITATION  | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## 1-PROPANOL-2-BUTOXY

ID: 15821-83-7

#: **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

**PROPYLENE GLYCOL & GLYCOL ETHERS (PGES)**ID: **Not registered**

|                             |                 |                |                 |                                |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>NoGS</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**OCTANOIC ACID**ID: **124-07-2**

|                             |                  |                |                 |                                |
|-----------------------------|------------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-P1</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|------------------|----------------|-----------------|--------------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**CHROMIUM (III) COMPOUNDS**ID: **Not registered**

|                             |                   |                |                 |                                |
|-----------------------------|-------------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-UNK</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|-------------------|----------------|-----------------|--------------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**DIMETHYL PHTHALATE (DMP)**ID: **131-11-3**

|                             |                  |                |                 |                                |
|-----------------------------|------------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-P1</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|------------------|----------------|-----------------|--------------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**DIMETHYL PHTHALATE AND METABOLITE**ID: **Not registered**

|                             |                 |                |                 |                                |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>NoGS</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|-----------------|----------------|-----------------|--------------------------------|

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**PHTHALATES (ORTHOPHTHALATES)**

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

**LIMESTONE; CALCIUM CARBONATE**

ID: **1317-65-3**

#: **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

**CALCIUM SULFATE DIHYDRATE**

ID: **10101-41-4**

#: **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

**QUARTZ**

ID: **14808-60-7**

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

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 1 - Agent is carcinogenic to humans - inhaled from occupational sources |
| CANCER | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)         |
| CANCER | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man                      |

|        |                   |  |
|--------|-------------------|--|
| CANCER | New Zealand - GHS | 6.7A - Known or presumed human carcinogens |
| CANCER | Australia - GHS   | H350 - May cause cancer                    |
| CANCER | Japan - GHS       | Carcinogenicity - Category 1A              |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**CRYSTALLINE SILICAS - RESPIRABLE**

ID: **Not registered**

|                             |                                |   |                 |                                |
|-----------------------------|--------------------------------|---|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-1</b>                | RC: <b>UNK</b>  | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
| HAZARDS:                    | AGENCY(IES) WITH WARNINGS:     |   |                 |                                |
| CANCER                      | CA EPA - Prop 65               | Carcinogen - specific to chemical form or exposure route                      |                 |                                |
| CANCER                      | IARC                           | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |                 |                                |
| CANCER                      | US NIH - Report on Carcinogens | Known to be Human Carcinogen (respirable size - occupational setting)         |                 |                                |
| CANCER                      | MAK                            | Carcinogen Group 1 - Substances that cause cancer in man                      |                 |                                |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**SILICA, AMORPHOUS**

ID: **7631-86-9**

|                             |                            |                               |                 |                                |
|-----------------------------|----------------------------|-------------------------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-P1</b>           | RC: <b>UNK</b>                | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
| HAZARDS:                    | AGENCY(IES) WITH WARNINGS: |                               |                 |                                |
| CANCER                      | Japan - GHS                | Carcinogenicity - Category 1A |                 |                                |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**AMORPHOUS SILICA SUBGROUPS (MAK LIST)**

ID: **Not registered**

|                             |   |                |                 |                                |
|-----------------------------|---|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-UNK</b>                       | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
| HAZARDS:                    | AGENCY(IES) WITH WARNINGS:              |                |                 |                                |
| None Found                  | No warnings found on HPD Priority lists |                |                 |                                |

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**ZINC STEARATE**

ID: **557-05-1**

|                             |                   |                |                 |                                |
|-----------------------------|-------------------|----------------|-----------------|--------------------------------|
| %: <b>Impurity/Residual</b> | GS: <b>LT-UNK</b> | RC: <b>UNK</b> | NANO: <b>No</b> | ROLE: <b>Impurity/Residual</b> |
|-----------------------------|-------------------|----------------|-----------------|--------------------------------|

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

### POLYCYCLIC AROMATIC HYDROCARBONS (PAH) (US NIH ROC)

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

### CHROMIUM COMPOUNDS

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

### 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE

ID: **6846-50-0**

#: **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

### 1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE

ID: **25265-77-4**



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

HAZARDS:      AGENCY(IES) WITH WARNINGS:

**CANCER**      **MAK**      Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**1-PROPANOL, 2-METHYL-, SODIUM SALT (1:1)**

ID: **13259-29-5**

%: **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

## 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: **2003-**

EXPIRY DATE: **2018-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All.**

**04-30**

**10-29**

**Environment Inc.**

CERTIFICATE URL:

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 in an Open Plan Office environment. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1**

## 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 and 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.



## 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

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### 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 (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**NoGS** Unknown (no data on List Translator Lists)

### 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.*