

CLASSIFICATION: 12 05 13 Fabrics

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Tilden is a polyurethane upholstery that contains a subtle undulating stripe, which gives it texture and dimension.

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

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

**FABRIC CONTENTS** [ **POLYESTER** NoGS **N,N-DIMETHYLFORMAMIDE** LT-1 | MAM | EYE | DEV | CAN | REP | MUL | END **POLYURETHANE FOAMS** LT-UNK **AMMONIUM POLYPHOSPHATE** BM-3 **POLYTETRAMETHYLENE ETHER GLYCOL 2,4-TOLUENE DIISOCYANATE (2,4-TDI)** LT-1 | MAM | EYE | SKI | CAN | RES | AQU | MUL **1,4-BUTANEDIOL** LT-UNK **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 **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 | CAN | GEN | MAM | MUL | END **1,2-DIETHYLBENZENE** LT-P1 | MUL **2-METHYL-2-PHENYLPROPANE** LT-UNK **DIMETHYLSTYRENE** NoGS **DIVINYLBENZENE** LT-P1 | MUL **NAPHTHALENE** BM-1 | MAM | CAN | AQU | PBT | MUL | END **COAL TAR** LT-1 | CAN **BENZ[A]ANTHRACENE** LT-1 | MAM | CAN | AQU | PBT | END | MUL | GEN **POLYCYCLIC AROMATIC COMPOUNDS (OSHA EXCLUSIONS)** LT-1 | MAM | CAN | AQU | PBT **POLYCYCLIC AROMATIC COMPOUNDS - COMPOUND GROUP** LT-1 | PBT **POLYCYCLIC AROMATIC HYDROCARBONS (PAH)** LT-1 | PBT **TARS, COAL** NoGS **TRIMETHYLBENZENE** BM-2 | MAM | EYE | SKI | AQU | MUL **SOLVENT NAPHTHA (PETROLEUM), AND RELATED PROCESSED PRODUCTS** NoGS **COBALT NAPHTHENATE** LT-1 | RES | CAN | GEN **COBALT COMPOUNDS** LT-1 | RES | CAN | GEN **COBALT COMPOUNDS THAT RELEASE COBALT IONS IN VIVO** LT-1 | CAN **COBALT OCTOATE** LT-1 | RES | CAN | MUL | GEN **2-ETHYLHEXANOIC ACID** LT-P1 | DEV | END | REP **COBALT** LT-1 | RES | SKI | CAN | MUL | GEN **BUTOXYPROPANOL** LT-UNK | EYE | SKI **1-PROPANOL-2-BUTOXY** NoGS **PROPYLENE GLYCOL & GLYCOL ETHERS (PGES)** NoGS **OCTANOIC ACID** LT-UNK | SKI **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 LISTED BY MAK COMMISSION OF GERMANY** LT-UNK **ZINC STEARATE** LT-P1 **ZINC COMPOUNDS** LT-UNK **DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC** LT-UNK | MAM | EYE | SKI |

**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

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-02-01

PUBLISHED DATE: 2018-02-01

EXPIRY DATE: 2021-02-01

## 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](http://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:

#### POLYESTER

ID: 113669-95-7

%: 39.6700 - 39.6700

GS: NoGS

RC: None

NANO: No

ROLE: Backing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### N,N-DIMETHYLFORMAMIDE

ID: 68-12-2

%: 39.4700 - 39.4700

GS: LT-1

RC: None

NANO: No

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

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

MAMMALIAN

EU - R-phrases

R21 - Harmful in Contact with Skin

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

DEVELOPMENTAL

EU - R-phrases

R61 - May cause harm to the unborn child

CANCER

IARC

Group 2A - Agent is probably Carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

EU - SVHC Authorisation List

Carcinogenic - Prioritized for listing

REPRODUCTIVE

EU - SVHC Authorisation List

Toxic to reproduction - Prioritized for listing

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

DEVELOPMENTAL

EU - GHS (H-Statements)

H360D - May damage the unborn child

REPRODUCTIVE

EU - REACH Annex XVII CMRs

Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
DEVELOPMENTAL	MAK	Pregnancy Risk Group B
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1B
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
DEVELOPMENTAL	Malaysia - GHS	H360D - May damage the unborn child

SUBSTANCE NOTES:

## POLYURETHANE FOAMS

ID: 9009-54-5

#: **19.1600 - 19.1600** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wear and Base Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

## AMMONIUM POLYPHOSPHATE

ID: 68333-79-9

#: **0.0100 - 1.0400** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Additive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

## POLYTETRAMETHYLENE ETHER GLYCOL

ID: 25190-06-1

#: **0.0100 - 0.5100** GS: RC: **None** NANO: **No** ROLE: **Additive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

HAZARDS:	AGENCY(IES) WITH WARNINGS:			
%: <b>0.0100 - 0.1200</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Additive</b>
MAMMALIAN	EU - R-phrases		R26 - Very Toxic by Inhalation	
EYE IRRITATION	EU - R-phrases		R36 - Irritating to eyes	
SKIN IRRITATION	EU - R-phrases		R38 - Irritating to skin	
CANCER	EU - R-phrases		R40 - Limited Evidence of Carcinogenic Effects	
RESPIRATORY	EU - R-phrases		R42 - May cause sensitization by inhalation	
SKIN SENSITIZE	EU - R-phrases		R43 - May cause sensitization by skin contact	
ACUTE AQUATIC	EU - R-phrases		R52 - Harmful to Aquatic Organisms	
RESPIRATORY	AOEC - Asthmagens		Asthmagen (G) - generally accepted	
CANCER	US CDC - Occupational Carcinogens		Occupational Carcinogen	
RESTRICTED LIST	US EPA - PPT Chemical Action Plans		EPA Chemical of Concern - Action Plan published	
SKIN IRRITATION	EU - GHS (H-Statements)		H315 - Causes skin irritation	
SKIN SENSITIZE	EU - GHS (H-Statements)		H317 - May cause an allergic skin reaction	
EYE IRRITATION	EU - GHS (H-Statements)		H319 - Causes serious eye irritation	
MAMMALIAN	EU - GHS (H-Statements)		H330 - Fatal if inhaled	
RESPIRATORY	EU - GHS (H-Statements)		H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled	
CANCER	EU - GHS (H-Statements)		H351 - Suspected of causing cancer	
MULTIPLE	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
RESPIRATORY	US EPA - PPT Chemical Action Plans		Inhalation sensitizer causing asthma and lung damage	
CANCER	MAK		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
RESPIRATORY	MAK		Sensitizing Substance Sa - Danger of airway sensitization	
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances		Extremely Hazardous Substances	
SUBSTANCE NOTES:				

1,4-BUTANEDIOL

HAZARDS:	AGENCY(IES) WITH WARNINGS:			
%: <b>0.0100 - 0.0300</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Additive</b>
None Found	No warnings found on HPD Priority lists			

**2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE**ID: **6846-50-0**

%: <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

**1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE**ID: **25265-77-4**

%: <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:
----------	----------------------------

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**

%: <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

**TRIMETHYLPENTANE ISOMERS**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:
----------	----------------------------

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**

%: <b>Impurity/Residual</b>	GS: <b>BM-2</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
-----------------------------	-----------------	----------------	-----------------	--------------------------------

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**

#: **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

### 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:			
CANCER	EU - R-phrases	R45 - May cause cancer		
GENE MUTATION	EU - R-phrases	R46 - May cause heritable genetic damage		
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 &/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

%: <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:			
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

%: <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



**DIMETHYLSTYRENE**

ID: 27576-03-0

%: <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

**DIVINYL BENZENE**

ID: 1321-74-0

%: <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:

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

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

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 &amp; EDs &amp; 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 &amp;/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	EU - R-phrases			R45 - May cause cancer
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

#: Impurity/Residual	GS: LT-1	RC: UNK	NANO: No	ROLE: Impurity/Residual
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases			R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases			R25 - Toxic if Swallowed
CANCER	EU - R-phrases			R40 - Limited Evidence of Carcinogenic Effects
CANCER	EU - R-phrases			R45 - May cause cancer
ACUTE AQUATIC	EU - R-phrases			R50 - Very Toxic to Aquatic Organisms
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

CANCER	EU - SVHC Authorisation List	Carcinogenic - Candidate list
PBT	EU - SVHC Authorisation List	PBT - Candidate list
PBT	EU - SVHC Authorisation List	vPvB - Candidate list
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

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## POLYCYCLIC AROMATIC COMPOUNDS (OSHA EXCLUSIONS)

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:			
MAMMALIAN	EU - R-phrases			R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases			R25 - Toxic if Swallowed
CANCER	EU - R-phrases			R40 - Limited Evidence of Carcinogenic Effects
ACUTE AQUATIC	EU - R-phrases			R50 - Very Toxic to Aquatic Organisms
PBT	US EPA - Toxics Release Inventory PBTs			PBT

SUBSTANCE NOTES: Imported from Pharos process chemistry research

#: <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:
----------	----------------------------

PBT	US EPA - Toxics Release Inventory PBTs	PBT
-----	--	-----

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**POLYCYCLIC AROMATIC HYDROCARBONS (PAH)**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:
----------	----------------------------

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**

#: <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

**TRIMETHYL BENZENE**ID: **25551-13-7**

#: <b>Impurity/Residual</b>	GS: <b>BM-2</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
-----------------------------	-----------------	----------------	-----------------	--------------------------------

HAZARDS:	AGENCY(IES) WITH WARNINGS:
----------	----------------------------

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
-----------	----------------	---

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
----------------	----------------	--------------------------

SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
-----------------	----------------	--------------------------

ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
---------------	----------------	----------------------------------

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
----------------	-------------------------	--------------------------------------

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**

%: <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

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**

%: <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:

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 &amp; skin sensitization

GENE MUTATION

MAK

Germ Cell Mutagen 3a

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**2-ETHYLHEXANOIC ACID**ID: **149-57-5**

%: <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:

DEVELOPMENTAL

EU - R-phrases

R63 - Possible risk of harm to the unborn child

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

**COBALT**ID: **7440-48-4**

%: <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:

RESPIRATORY	EU - R-phrases	R42 - May cause sensitization by inhalation
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
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 Sah - 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:	
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
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-UNK</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

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

Japan - GHS

Carcinogenicity - Category 1A

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### CRYSTALLINE SILICAS - RESPIRABLE

ID: **Not registered**

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

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**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	Japan - GHS	Carcinogenicity - Category 1A
--------	-------------	-------------------------------

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### AMORPHOUS SILICA SUBGROUPS LISTED BY MAK COMMISSION OF GERMANY

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

### ZINC STEARATE

ID: **557-05-1**

#: **Impurity/Residual**      GS: **LT-P1**      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

## DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC

ID: **26447-40-5**

%: **Impurity/Residual** GS: **LT-UNK** 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)

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

RESPIRATORY

EU - R-phrases

R42 - May cause sensitization by inhalation

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ORGAN TOXICANT

EU - R-phrases

R48 - Danger of serious damage to health by prolonged exposure.

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

RESPIRATORY

EU - GHS (H-Statements)

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

RESPIRATORY

US EPA - PPT Chemical Action Plans

Inhalation sensitizer causing asthma and lung damage

SUBSTANCE NOTES: Imported from Pharos process chemistry research

## METHYLENE DIPHENYL DIISOCYANATE (MDI) COMPOUNDS

ID: **Not registered**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### POLYISOCYANATE 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

### ISOCYANATES

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

## 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.*

<b>VOC EMISSIONS</b>	<b>UL/GreenGuard Certified</b>		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2003-04-30	EXPIRY DATE: 2018-10-29	CERTIFIER OR LAB: UL Environment Inc.
APPLICABLE FACILITIES: All			
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. Seating products are modeled in the seating environment with a ventilation rate of 24.8 m<sup>3</sup>/hour. 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*

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](mailto: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.*