

CLASSIFICATION: 09 68 13

PRODUCT DESCRIPTION: KINETEX® IS AN ADVANCED TEXTILE COMPOSITE FLOORING THAT COMBINES KEY ATTRIBUTES OF SOFT-SURFACE FLOOR COVERING WITH THE LONG-WEARING PERFORMANCE CHARACTERISTICS OF HARD-SURFACE FLOORING.

Section 1: Summary

Basic 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

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized  Yes Ex/SC  Yes  No  
% weight and role provided for all substances.

Screened  Yes Ex/SC  Yes  No  
All substances screened using Priority Hazard Lists with results disclosed.

Identified  Yes Ex/SC  Yes  No  
All substances disclosed by Name (Specific or Generic) and Identifier.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

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

EF CONTRACT - KINETEX TILE [ POLYETHYLENE TEREPHTHALATE LT-UNK POLYETHYLENE LT-UNK 1-BUTENE, POLYMER WITH ETHENE LT-UNK POLY(OXY-1,2-ETHANEDIYL), ALPHA-ISODECYL-OMEGA-HYDROXY-, PHOSPHATE, POTASSIUM SALT NoGS KIESELGUHR, CALCINED LT-UNK POLYETHYLENE TEREPHTHALATE/POLYBUTYLENE TEREPHTHALATE NoGS 1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL NoGS DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE LT-1 | CAN | MUL DIETHYLENE GLYCOL LT-P1 | END QUINO[2,3-B]ACRIDINE-7,14-DIONE, 2,9-DICHLORO-5,12-DIHYDRO- LT-UNK C.I. PIGMENT YELLOW 119 LT-UNK ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONO, 2,9-BIS[4-(PHENYLAZO)PHENYL]- LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END OCTADECANOIC ACID, 2-METHYLPROPYL ESTER NoGS CARBON BLACK LT-1 | CAN C. I. PIGMENT BLUE 15 BM-3 DIIRON TRIOXIDE BM-2 | CAN ALCOHOLS, C12-13, ETHOXYLATED LT-P1 POLY-HMDI, 3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDECAFLUORO-1-OCTANOL-BLOCKED NoGS NICKEL, 5,5'-AZOBIS-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE COMPLEXES LT-1 | RES | CAN TALC BM-1 | CAN C.I. PIGMENT GREEN 7 LT-UNK MELAMINE LT-P1 | CAN | END POLY(OXY-1,2-ETHANEDIYL), α-HYDRO-ω-HYDROXY- LT-UNK 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID AND 1,2-ETHANEDIOL NoGS ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONO LT-UNK 1-HEXENE, POLYMER WITH ETHENE LT-UNK 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-PROPENOIC ACID, SODIUM SALT LT-UNK POLY(OXY-1,2-ETHANEDIYL), α-ISOTRIDECYL-ω-HYDROXY- LT-P1 FATTY ACIDS, C16-18 LT-UNK FATTY ACIDS, MONTAN-WAX, ETHYLENE ESTERS LT-UNK FATTY ACIDS, MONTAN-WAX, 1-METHYL-1,3-PROPANEDIYL ESTERS NoGS BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL) ESTER, SODIUM

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional listings.

VOC emissions: CRI Green Label Plus - Carpets

Multi-attribute: NSF/ANSI 140-2007e - Platinum

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2019-07-11**

PUBLISHED DATE: **2019-07-12**

EXPIRY DATE: **2022-07-11**



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

### EF CONTRACT - KINETEX TILE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were collected from all suppliers and those that fall above the stated threshold are included.

OTHER PRODUCT NOTES:

#### POLYETHYLENE TEREPHTHALATE

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-11

#: 80.00 - 85.00

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Face Fiber/Backing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers. The recycled content is sourced from post-consumer plastic bottles.

#### POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-11

#: 5.00 - 20.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Backing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

#### 1-BUTENE, POLYMER WITH ETHENE

ID: 25087-34-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-11

#: 1.00 - 2.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Backing

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**POLY(OXY-1,2-ETHANEDIYL), ALPHA-ISODECYL-OMEGA-HYDROXY-, PHOSPHATE, POTASSIUM SALT**

ID: 68071-17-0

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 0.10**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**KIESELGUHR, CALCINED**

ID: 91053-39-3

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 10.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Backing**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**POLYETHYLENE TEREPHTHALATE/POLYBUTYLENE TEREPHTHALATE**

ID: 26062-94-2

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 5.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Face Fiber**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL**

ID: 30965-26-5

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

HAZARD SCREENING DATE: **2019-07-11**

%: 0.00 - 5.00

GS: NoGS

RC: None

NANO: No

ROLE: Face Fiber

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE**

ID: 64742-46-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-11

%: 0.00 - 1.00

GS: LT-1

RC: None

NANO: No

ROLE: Additive

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

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

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**DIETHYLENE GLYCOL**

ID: 111-46-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-11

%: 0.00 - 1.00

GS: LT-P1

RC: None

NANO: No

ROLE: Face Fiber

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**QUINO[2,3-B]ACRIDINE-7,14-DIONE, 2,9-DICHLORO-5,12-DIHYDRO-**

ID: 3089-17-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-11

%: 0.00 - 1.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Face Fiber

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

### C.I. PIGMENT YELLOW 119

ID: 68187-51-9

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-07-11</b>
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#: <b>0.00 - 1.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Face Fiber</b>
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

### ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-BIS[4-(PHENYLAZO)PHENYL]-

ID: 3049-71-6

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-07-11</b>
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#: <b>0.00 - 1.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Face Fiber</b>
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

### TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-07-11</b>
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#: <b>0.00 - 1.00</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Face Fiber</b>
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

### OCTADECANOIC ACID, 2-METHYLPROPYL ESTER

ID: 646-13-9

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 1.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

### CARBON BLACK

ID: 1333-86-4

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 0.10**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Face Fiber**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**C. I. PIGMENT BLUE 15**

ID: 147-14-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **BM-3**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers. The expired GreenScreen Assessment was performed by ToxServices on Oct. 14, 2014 and can be found at <https://www.pharosproject.net/uploads/files/gs/d78ea37fe855f5ed4bd31fe7da77da864eba60ac.pdf>.

**DIIRON TRIOXIDE**

ID: 1309-37-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

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

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers. The expired GreenScreen Assessment was performed by SciVera on August 8, 2012, revised on September 10, 2013, and can be found at <https://www.pharosproject.net/uploads/files/gs/1405438632.pdf>.

**ALCOHOLS, C12-13, ETHOXYLATED**

ID: 66455-14-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**POLY-HMDI, 3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDECAFLUORO-1-OCTANOL-BLOCKED**

ID: 357624-15-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists



SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

## NICKEL, 5,5'-AZOBIS-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE COMPLEXES

ID: 68511-62-6

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 0.10** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Face Fiber**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

## TALC

ID: 14807-96-6

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 0.10** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Backing**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers. The GreenScreen Assessment was performed by ToxServices on October 16, 2014 and can be found at <https://www.pharosproject.net/uploads/files/gscf333cf006fda23a2118381e4f09c5f3a83f4485.pdf>.

## C.I. PIGMENT GREEN 7

ID: 1328-53-6

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

HAZARD SCREENING DATE: **2019-07-11**

#: **0.00 - 0.10** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Face Fiber**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CANCER****IARC****Group 2b - Possibly carcinogenic to humans****ENDOCRINE****TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**POLY(OXY-1,2-ETHANEDIYL),  $\alpha$ -HYDRO- $\omega$ -HYDROXY-**

ID: 25322-68-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID AND 1,2-ETHANEDIOL**

ID: 24938-04-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE**

ID: 81-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**1-HEXENE, POLYMER WITH ETHENE**

ID: 25213-02-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Backing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-PROPENOIC ACID, SODIUM SALT**

ID: 28205-96-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**POLY(OXY-1,2-ETHANEDIYL),  $\alpha$ -ISOTRIDECYL- $\omega$ -HYDROXY-**

ID: 9043-30-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**FATTY ACIDS, C16-18**

ID: 67701-03-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**FATTY ACIDS, MONTAN-WAX, ETHYLENE ESTERS**

ID: 73138-45-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**FATTY ACIDS, MONTAN-WAX, 1-METHYL-1,3-PROPANEDIYL ESTERS**

ID: 73138-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

**BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL) ESTER, SODIUM SALT**

ID: 577-11-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-11**%: **0.00 - 0.10**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Face Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: A range is provided to protect the proprietary formulation information of both the manufacturing process and the suppliers.

## 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

### CRI Green Label Plus - Carpets

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2013-02-26**

EXPIRY DATE: **2020-03-31**

CERTIFIER OR LAB: **Carpet and Rug Institute**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL: <https://services.carpet-rug.org/api/GLPCertificate/2690>

CERTIFICATION AND COMPLIANCE NOTES: **GLP2690**

### MULTI-ATTRIBUTE

### NSF/ANSI 140-2007e - Platinum

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2014-02-06**

EXPIRY DATE: **2021-12-31**

CERTIFIER OR LAB: **NSF International for the Carpet & Rug Institute**

CERTIFICATE URL:

<http://info.nsf.org/Certified/Sustain/listings.asp>

CERTIFICATION AND COMPLIANCE NOTES: **C0032167-102**

## 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.*

### KINETEX ADHESIVE

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended on all installations. <https://www.efcontractflooring.com/technical/adhesives/>

## Section 5: General Notes



## MANUFACTURER INFORMATION

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MANUFACTURER: **Engineered Floors**

ADDRESS: **818 J&J Drive**

**P.O. Box 1287**

**Dalton GA 30722, USA**

WEBSITE: <https://www.efcontractflooring.com>

CONTACT NAME: **Russ Delozier**

TITLE: **Director of Sustainability**

PHONE: **7065292100**

EMAIL: [Russ.Delozier@engineeredfloors.com](mailto:Russ.Delozier@engineeredfloors.com)

## KEY

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**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.*