

HPD UNIQUE IDENTIFIER: 23689

CLASSIFICATION: 09 65 16.33 Rubber Sheet Flooring

PRODUCT DESCRIPTION: This Health Product Declaration covers Dinoflex's recycled rubber surfacing mats including Sport Mat, Evolution, Nature's Collection, Vulca-No! and Walk Soft Underlay.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	
☐ Nested Materials Method	☒ 100 ppm	☒ Considered	<i>All Substances Above the Threshold Indicated Are:</i>
☒ Basic Method	☐ 1,000 ppm	☐ Partially Considered	Characterized ☒ Yes Ex/SC ☐ Yes ☐ No
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Considered	% weight and role provided for all substances except SC substances characterized according to SC guidance.
☐ Material	☐ Other	Explanation(s) provided for Residuals/Impurities?	Screened ☒ Yes Ex/SC ☐ Yes ☐ No
☒ Product		☒ Yes ☐ No	<i>All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.</i>
			Identified ☐ Yes Ex/SC ☐ Yes ☒ No
			<i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>

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
EVOLUTION, SPORT MAT, NATURE'S COLLECTION, VULCA-NO! AND WALK SOFT UNDERLAY [4,4'-DIPHENYLMETHANE DIISOCYANATE LT-UNK | RES | MUL | SKI | EYE | CAN 1,2-ETHANEDIAMINE, POLYMER WITH 2-METHYLOXIRANE LT-UNK POLYPROPYLENE GLYCOL LT-UNK WATER BM-4 POLYOXYETHYLENE (12) POLYOXYPROPYLENE (66) GLYCERYL ETHER LT-UNK STANNANE, DIMETHYLBIS[(1-OXONEODECYL)OXY]- LT-UNK SULFUR, PRECIPITATED LT-UNK | SKI UNDISCLOSED CHEMICAL #1 LT-1 | CAN | END UNDISCLOSED CHEMICAL #2 LT-UNK UNDISCLOSED CHEMICAL #3 LT-UNK UNDISCLOSED CHEMICAL #4 LT-UNK UNDISCLOSED CHEMICAL #5 BM-3 UNDISCLOSED CHEMICAL #6 LT-UNK UNDISCLOSED CHEMICAL #7 LT-P1 | MUL UNDISCLOSED CHEMICAL #8 BM-1 | MUL UNDISCLOSED CHEMICAL #9 LT-UNK UNDISCLOSED CHEMICAL #10 LT-UNK UNDISCLOSED CHEMICAL #11 NoGS UNDISCLOSED CHEMICAL #12 LT-UNK UNDISCLOSED CHEMICAL #13 LT-UNK UNDISCLOSED CHEMICAL #14 LT-UNK RUBBER, SYNTHETIC EPDM NoGS UNDISCLOSED CHEMICAL #15 BM-1 | CAN CARBON BLACK BM-1 | CAN FERRIC OXIDE BM-1 | CAN NATURAL RUBBER LT-UNK | RES BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE LT-UNK ZINC OXIDE BM-1 | RES | AQU | END | MUL DISTILLATE AROMATIC EXTRACT LT-1 | PBT | CAN | MUL TALC BM-1 | CAN CORK OAK (BARK) NoGS REGRIND Not Screened]

Number of Greenscreen BM-4/BM3 contents ... 2
Contents highest concern GreenScreen
Benchmark or List translator Score ... BM - 1
Nanomaterial ... No
INVENTORY AND SCREENING NOTES:
Special conditions applied: MixedRecycledContent

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

Dinoflex worked with an HPDC Approved Preparer to confirm that all intentionally added ingredients were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold. Due to the proprietary nature of the information, the name and CAS number for certain chemicals have been redacted from this substance entry.

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: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

- ☒ Yes
- ☐ No

PREPARER: ToxServices LLC
VERIFIER: SCS Global Services
VERIFICATION #: qGE-4050

SCREENING DATE: 2021-01-27
PUBLISHED DATE: 2021-02-04
EXPIRY DATE: 2024-01-27

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

EVOLUTION, SPORT MAT, NATURE'S COLLECTION, VULCA-NO! AND WALK SOFT UNDERLAY

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Dinoflex worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold.

OTHER PRODUCT NOTES: The large composition % range present in multiple substance entries under this HPD for natural rubber, recycled rubber, pigments, regrind and EPDM components (representing EPDM pigment color chips and EPDM structure) is to account for all available mat color options present in each mat model line covered under this HPD.

4,4'-DIPHENYLMETHANE DIISOCYANATE ID: 101-68-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 2.5000 - 8.3600	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted		
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published		
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
RES	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled		
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer		
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization		
SUBSTANCE NOTES:				

1,2-ETHANEDIAMINE, POLYMER WITH 2-METHYLOXIRANE ID: 25214-63-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.7500 - 2.5700	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
POLYPROPYLENE GLYCOL				
ID: 25322-69-4				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.7500 - 2.5700	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
WATER				
ID: 7732-18-5				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.2900 - 0.6400	GS: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-4 was provided through the HPD 2.2 Builder Tool.				
POLYOXYETHYLENE (12) POLYOXYPROPYLENE (66) GLYCERYL ETHER				
ID: 9082-00-2				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0600 - 0.1700	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
STANNANE, DIMETHYLBIS[(1-OXONEODECYL)OXY]-				
ID: 68928-76-7				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0100 - 0.0200	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
SULFUR, PRECIPITATED				
ID: 7704-34-9				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27	
%: 0.0000 - 14.2000		GS: LT-UNK	RC: None NANO: No SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS
SKI	EU - GHS (H-Statements)		H315 - Causes skin irritation
SUBSTANCE NOTES:			

UNDISCLOSED CHEMICAL #1

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27			
%: 0.0000 - 3.7900		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen		
CAN	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
CAN	MAK		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
CAN	MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
CAN	EU - GHS (H-Statements)		H351 - Suspected of causing cancer		
SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. The GreenScreen® List Translator assessment score of LT-1 was provided through the HPD 2.2 Builder Tool.					

UNDISCLOSED CHEMICAL #2

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27			
%: 0.0000 - 3.7000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found	No warnings found on HPD Priority Hazard Lists				
SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.					

UNDISCLOSED CHEMICAL #3

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27	
%: 0.0000 - 1.7300		GS: LT-UNK	RC: None NANO: No SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #4

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 1.0400	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #5

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 0.9000	GS: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. The GreenScreen® Benchmark assessment score of BM-3 was provided through the HPD 2.2 Builder Tool.

UNDISCLOSED CHEMICAL #6

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 0.6500	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #7

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 0.5600	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters		

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. The GreenScreen® List Translator assessment score of LT- P1 was provided through the HPD 2.2 Builder Tool.

UNDISCLOSED CHEMICAL #8

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 0.5000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.

UNDISCLOSED CHEMICAL #9

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 0.3700	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #10

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 0.3600	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #11

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
?: 0.0000 - 0.2600	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #12

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-27

%: 0.0000 - 0.1900 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #13

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-27

%: 0.0000 - 0.1400 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

UNDISCLOSED CHEMICAL #14

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-27

%: 0.0000 - 0.1200 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance.

RUBBER, SYNTHETIC EPDM

ID: 308064-28-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-27

%: 0.0000 - 89.5800 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #15

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-27

%: 0.0000 - 0.0900 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.		

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27			
%: 0.0000 - 28.7500		GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen		
CAN	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.					

FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0000 - 28.7900	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.				

NATURAL RUBBER

ID: 9006-04-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0000 - 28.3900		GS: LT-UNK		RC: None NANO: No SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
RES	MAK		Sensitizing Substance Sah - Danger of airway & skin sensitization	
SUBSTANCE NOTES:				

BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0000 - 28.3900	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component

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

ZINC OXIDE

ID: 1314-13-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0000 - 0.9500	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life		
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.				

DISTILLATE AROMATIC EXTRACT

ID: 64742-04-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0000 - 14.2000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PBT	EU - ESIS PBT	Under PBT evaluation		
CAN	EU - GHS (H-Statements)	H350 - May cause cancer		
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man		
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence		
CAN	GHS - Australia	H350 - May cause cancer		
SUBSTANCE NOTES: The GreenScreen® List Translator assessment score of LT-1 was provided through the HPD 2.2 Builder Tool.				

TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27	
%: 0.0000 - 14.2000	GS: BM-1	RC: None	NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.		

CORK OAK (BARK)

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0000 - 2.1400		GS: NoGS		RC: None NANO: No SUBSTANCE ROLE: Structure component
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

REGRIND

ID: SC:MixedRC

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-27		
%: 0.0000 - 57.8200	GS: Not Screened	RC: PreC	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				
SUBSTANCE NOTES: The regrind composition is covered under the substance entries under this HPD as it is post production/pre-consumer material from the Evolution, Sport Mat, Nature's Collection, Vulca-No! and Walk Soft Underlay products.				

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	RFCI FloorScore		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://www.scsglobalservices.com/certified-clients/certificates/6778	ISSUE DATE: 2020-02-01	EXPIRY DATE: 2021-04-30	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring. Measured Concentration of Total Volatile Organic Compounds (TVOC): Less than/equal to 0.5 mg/m3 (incompliance with CDPH/EHLB Standard Method v1.2-2017). Registration # SCS-FS-02144. The certificate applies only to the following product lines: Evolution Tile, Nature's Collection, Next Step, Sport Mat Flooring, Stride Fitness Tile, Vulca-No!, PlayTiles, NuVista.			

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.

DINOGRIP ADHESIVE	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: DinoGrip is a single component, water free polyurethane adhesive formulated to bond recycled rubber flooring, glue down cork underlay and plywood. DinoGrip develops a permanent bond and high elongation without stressing the adhesive. VOC content is less than 50g/L. Its low VOC formula makes this product environmentally friendly and can contribute towards sustainable credits for programs such as LEED v4.	
DINOCLEAN	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Dinoflex's DinoClean is a biodegradable, mild detergent designed specifically for use on recycled rubber floors and all other types of resilient flooring. Whether you're cleaning up after an installation or performing routine maintenance, DinoClean is your solution for removing dust, dirt and debris. Its low foaming properties allow it to be used in both auto scrubbers and mopping buckets for a powerful clean that leaves a fresh pleasant scent.	
DINOCOAT	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: DinoCoat is an exceptional durable floor treatment resistant to scuffs and heel marks with limited gloss. It is formulated to eliminate the effects of framing and shade variation in recycled rubber flooring and requires little maintenance. DinoCoat is recommended to improve the visual effects of shade variation and uneven distribution of color granules. DinoCoat can be used on vinyl, terrazzo and quarry tile in addition to recycled rubber flooring (Not recommended for glazed store tiles).	
DINOGUARD	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: DinoGuard is an exceptional durable floor coating resistant to scuffs and heel marks with a matte finish. It is formulated to reduce porosity in recycled rubber flooring and aids in less maintenance of the surface. VOC: 184g/l, 177g/l matte.	

Section 5: General Notes

The large composition % range present in multiple substance entries under this HPD for natural rubber, recycled rubber, pigments, regrind and EPDM components (representing EPDM pigment color chips and EPDM structure) is to account for all available mat color options present in each Evolution, Sport Mat, Nature's Collection, Vulca-No! and Walk Soft Underlay

hpdrepository.hpd-collaborative.org

mat model line covered under this HPD.

MANUFACTURER INFORMATION

MANUFACTURER: Dinoflex Group LP
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CONTACT NAME: Catherine Inskip
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The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY
Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.