SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

PLAE Vertical Inc.

190 Etowah Industrial Ct, Canton, GA, United States

For the following product(s):

Rubber Sheet Flooring:

Achieve (8mm, 13mm, and 18mm)



VERIFIED HEALTH PRODUCT DECLARATION

This validation conforms to the **Health Product Declaration Open Standard, Version 2.2 (May 18, 2020)**. Products have a complete, basic method, product threshold HPD and have been validated for health hazard warnings using full disclosure at an inventory threshold 1,000 ppm (0.1%). Special Condition Applied: Mixed Recycled Content.

HPD Screening Dates: 4/5/22 Verification #: qGE-14025

Registration # SCS-HPD-04953

Valid from: May 27, 2022 to April 5, 2025





Tranky Mather Kam

Stanley Mathuram, PE, Executive Vice President SCS Global Services 2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 28588

CLASSIFICATION: 09 65 16.33 Rubber Sheet Flooring

PRODUCT DESCRIPTION: Achieve 8mm consists of 4'x25' rolls with a 5mm PLAETech Underlayment and a 3mm EPDM surface wear layer. Achieve 13mm consists of 4'x35' rolls with a 10mm PLAETech Underlayment and a 3mm EPDM surface wear layer. Achieve 18mm consists of 4'x25' rolls with a 15mm PLAETech Underlayment and a 3mm EPDM surface wear layer.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

O Nested Materials Method

Basic Method

Threshold Disclosed Per

Material

Product

Threshold Level

C 100 ppm

⊙ 1,000 ppm

C Per GHS SDS

Other

Residuals/Impurities

Considered

C Partially Considered

O Not Considered

Explanation(s) provided for Residuals/Impurities?

Yes ○ No.

All Substances Above the Threshold Indicated Are:

Characterized

% weight and role provided for all substances except SC substances characterized according to SC guidance.

Screened

⊙ Yes Ex/SC ○ Yes ○ No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified

○ Yes Ex/SC ○ Yes ⊙ No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

ACHIEVE (8MM, 13MM, AND 18MM) [SC:RUBBER CRUMB Not Screened POLY[OXY(METHYL-1,2-ETHANEDIYL)], .ALPHA.-HYDRO-.OMEGA.-HYDROXY-, POLYMER WITH 1,1'-**METHYLENEBIS[ISOCYANATOBENZENE] LT-P1 WATER BM-4** DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC LT-UNK | MUL | RES | SKI | EYE | CAN UNDISCLOSED LT-UNK 4,4'-DIPHENYLMETHANE DIISOCYANATE LT-UNK | MUL | RES | CAN | SKI | EYE 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE LT-P1 END MICA LT-UNK UNDISCLOSED CHEMICAL BM-1 | CAN QUARTZ BM-1 | CAN MAGNESIUM CARBONATE BM-3dg TALC BM-1 | CAN CALCIUM CARBONATE BM-3 VAROX LT-P1 | PBT HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 CAN | MUL BICYCLO(2.2.1)HEPT-2-ENE, 5-ETHYLIDENE-, POLYMER WITH ETHENE AND 1-PROPENE LT-UNK KAOLIN LT-UNK | CAN LIMESTONE BM-3dg UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | END UNDISCLOSED LT-P1 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 Number of Greenscreen BM-4/BM3 contents ... 3

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.

PLAE Vertical Inc. worked with the HPDC Approved Preparer to confirm that all intentionally added ingredients, 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 1,000 ppm threshold. Due to the proprietary nature of the information, the names and CAS numbers for certain chemicals have been redacted from this substance entry.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-UNK]

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: FloorScore

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified? ⊙ Yes

O No

PREPARER: ToxServices LLC VERIFIER: SCS Global Services VERIFICATION #: qGE-14025 SCREENING DATE: 2022-04-05 PUBLISHED DATE: 2022-05-27 EXPIRY DATE: 2025-04-05



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

ACHIEVE (8MM, 13MM, AND 18MM)

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: PLAE Vertical Inc. worked with the 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 1,000 ppm threshold.

OTHER PRODUCT NOTES: Due to the proprietary nature of the information, the names and CAS numbers for certain chemicals have been redacted from this substance entry.

SC:RUBBER CRUMB ID: SC:MixedRC HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened %: 52.9680 - 89.4870 **GS: Not Screened** RC: Both NANO: No SUBSTANCE ROLE: Structure component **HAZARD TYPE** AGENCY AND LIST TITLES WARNINGS Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCMixedRC/2018-02-23

Is regular, analytical testing performed on the substance?: Yes

Entech performs weekly XRF screenings for heavy metals. Rubber is sent out for yearly analytical testing for VOCs (test method: CA Section 01350, ASTM Std.Guide D-5116) by Berkeley Analytical, PAHs (test method: EPA SW-846 PAH's by GC/MS) by Eurofins, REACH (test method: ICP-OES, GC/MS, GC-EDNI-MS, HPLC-DAD, or LC-MS-MS) by Intertek, and Prop-65 by Intertek.

BatchVariation: Yes, there is variation since the material is recycled from old tires.

SourceofOrigin: United States

Why is there limited information?: N/A

This disclosure does not provide information on the potential presence of hazardous substances which may be found in certain mixed recycled materials.

POLY[OXY(METHYL-1,2-ETHANEDIYL)], .ALPHA.-HYDRO-.OMEGA.-**HYDROXY-, POLYMER WITH 1,1'-**

ID: 39420-98-9

METHYLENEBIS[ISOCYANATOBENZENE]

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:37

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

GS: LT-P1

No warnings found on HPD Priority Hazard Lists None found

RC: None

NANO: No

SUBSTANCE NOTES:

%: 4.8640 - 6.7847

WATER ID: 7732-18-5

SUBSTANCE ROLE: Binder

SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-4 was provided through the HPD 2.2 Builder Tool.

ŀ	DIPHENYLMETHANE DIISOCYAI	NATE (MDI) - NON ISOMER SPECIFIC	GS: LT-UNK RC: None NANO: No AGENCY AND LIST TITLES WARNINGS US EPA - PPT Chemical Action Plans EPA Chemical of Cor JS EPA - PPT Chemical Action Plans Inhalation sensitizer of EU - GHS (H-Statements) Annex 6 Table 3-1 EU - GHS (H-Statements) Annex 6 Table 3-1 EU - GHS (H-Statements) Annex 6 Table 3-1 H317 - May cause an sensitization - Category EU - GHS (H-Statements) Annex 6 Table 3-1 H319 - Causes seriou damage/eye irritation EU - GHS (H-Statements) Annex 6 Table 3-1 H334 - May cause all breathing difficulties Category 1]	ID: 26447-40-5			
ı	HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZAF	RD SCRE	ENING DATE:	2022-04-06 3:26:38	
(%: 0.7483 - 2.394 6	GS: LT-UNK	RC: No	one	NANO: No	SUBSTANCE ROLI	Ē: Binder
	HAZARD TYPE	AGENCY AND LIST TITLES		WARN	IINGS		
	MUL	US EPA - PPT Chemical Action Plans		EPA C	hemical of Cor	ncern - Action Plan pub	olished
	RES	US EPA - PPT Chemical Action Plans		Inhala	tion sensitizer o	causing asthma and lui	ng damage
	SKI	EU - GHS (H-Statements) Annex 6 Tab	le 3-1			ritation [Skin corrosion	/irritation -
	SKI	EU - GHS (H-Statements) Annex 6 Tab	le 3-1		•	allergic skin reaction [ory 1]	Skin
	EYE	EU - GHS (H-Statements) Annex 6 Tab	le 3-1			us eye irritation [Serious ı - Category 2A]	s eye
	RES	EU - GHS (H-Statements) Annex 6 Tab	le 3-1	breath	ing difficulties	ergy or asthma sympto if inhaled [Respiratory	
	CAN	EU - GHS (H-Statements) Annex 6 Tab	le 3-1	H351 -	Suspected of	causing cancer [Carcir	nogenicity -

UNDISCLOSED					ID: Undisclosed
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2022-04-06 3:26:38	
%: 0.6175 - 1.7515	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLI	E: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	NINGS		
None found			No warning	s found on HPD Prior	rity Hazard Lists
None found			No warning	s found on HPD Prior	rity Hazard List

Category 2]

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 1

4,4'-DIPHENYLMETHANE DIISOCYANATE

ID: 101-68-8

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2022-04-06 3:26:38
%: 0.5238 - 1.0377	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder

SUBSTANCE NOTES:

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
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
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
RES	EU - GHS (H-Statements) Annex 6 Table 3-1	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:39

%: 0.2245 - 0.5587 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

THE THE PARTY OF T

END TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES:

SUBSTANCE NOTES:

MICA ID: 12001-26-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-01-03 20:14:25

%: 0.0000 - 0.1754 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:40

%: 0.0000 - 0.1654 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

ID: 6846-50-0

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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

SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.

The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 14

JARTZ		ID: 14808-60-7
ZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2022-04-06 3:26:40
0.0000 - 0.2196	GS: BM-1	RC: None NANO: No SUBSTANCE ROLE: Structure component
AZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AN	US CDC - Occupational Carcinogens	Occupational Carcinogen
AN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
AN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
AN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
AN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
AN	IARC	Group 1 - Agent is Carcinogenic to humans
AN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
AN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
AN	GHS - New Zealand	Carcinogenicity category 1

naros Chemical and Materials Library	HAZARD SCF	EENING DATE:	2022-01-03 20:24:44	
GS: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Filler	
AGENCY AND LIST TITLES	WAR	NINGS		
		No warning	s found on HPD Priority Hazar	d Lists
	GS: BM-3dg	GS: BM-3dg RC: None	GS: BM-3dg RC: None NANO: No AGENCY AND LIST TITLES WARNINGS	GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Filler

TALC ID: 14807-96-6

HAZARD SCREENING METHOD	: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-01-03 20:24:07
%: 0.0000 - 0.1711	GS: BM-1	RC: None NANO: No SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	IARC	Group 2b - Possibly carcinogenic to humans
SUBSTANCE NOTES: The Gre	enScreen® Benchmark assessment score o	f BM-1 was provided through the HPD 2.2 Builder Tool

CALCIUM CARBONATE					
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE:	2022-01-03 20:17:46	
%: 0.0000 - 0.1778	GS: BM-3	RC: None	NANO: No	SUBSTANCE ROLE:	Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES	WAF	RNINGS		
None found			No warning	gs found on HPD Priority	Hazard Lists
SUBSTANCE NOTES: The Gree	enScreen® Benchmark assessment score o	of BM-3 was pro	ovided through t	he HPD 2.2 Builder Tool.	

VAROX	ROX ID: 78-63-				
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCF	REENING DATE:	2022-01-03 20:17:04	
%: 0.0000 - 0.2098	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst	
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	RNINGS		
РВТ	EC - CEPA DSL		•	nulative and inherently Toxic (PBiTE) pased on aquatic organisms)	

HYDROTREATED HEAVY PARAF (MINERAL OIL)	FFINIC PETROLEUM DISTILLATES			ID: 64742-54		
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD	SCREENING DATE:	2022-01-03 20:16:29		
%: 0.0000 - 3.3490	GS: LT-1	RC: None	e NANO: No	SUBSTANCE ROLE	: Softener	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
CAN				y 2 - Substances which re Carcinogenic to mar		
CAN	EU - Annex VI CMRs		Carcinogen Category on animal evidence	y 1B - Presumed Carcii	nogen based	
MUL	ChemSec - SIN List	(CMR - Carcinogen, N	Mutagen &/or Reproduc	ctive Toxicant	
CAN	GHS - Australia		H350 - May cause ca or 1B]	ancer [Carcinogenicity	- Category 1A	
CAN	EU - GHS (H-Statements) Annex 6 Tab		H350 - May cause ca or 1B]	ancer [Carcinogenicity	- Category 1A	

SUBSTANCE NOTES:

BICYCLO(2.2.1)HEPT-2-ENE, 5-ETHYLIDENE-, POLYMER WITH ETHENE AND 1-PROPENE

ID: 25038-36-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-01-03 20:14:57

%: 0.0000 - 6.3570 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:

KAOLIN ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-01-03 20:13:41

%: 0.0000 - 5.7310 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CAN MAK Carcinogen Group 3B - Evidence of carcinogenic effects

but not sufficient for classification

SUBSTANCE NOTES:

LIMESTONE ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-01-03 20:11:24

%: 0.0000 - 20.4773 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Filler

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-3dg was provided through the HPD 2.2 Builder Tool.

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:41

%: 0.0000 - 0.1909 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 1,000 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. 13

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:41

%: 0.0000 - 0.3469	GS: LT-1	RC: No	ne	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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value				
END	TEDX - Potential Endocrine Disruptors	;	Potential Endocrine Disruptor				
CAN	MAK				Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
CAN	EU - GHS (H-Statements) Annex 6 Tab	le 3-1		H351 - Suspected of causing cancer [Carcinogenicity - Category 2]			

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 12

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:46

RC: None

NANO: No

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

GS: LT-P1

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 11

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:46

%: 0.0000 - 0.4470 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 1,000 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. 10

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:47

%: 0.0000 - 0.2235 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment

%: 0.0000 - 0.2235

UNDISCLOSED

SUBSTANCE ROLE: Pigment

ID: Undisclosed

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 1,000 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. 9

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:47

%: 0.0000 - 0.2101 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 GreenScreen® Benchmark assessment score of BM-3 was provided through the HPD 2.2 Builder Tool. The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 8

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:47

%: 0.0000 - 0.1242 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 1,000 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. 7

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:48

%: 0.0000 - 0.2235 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 1,000 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. 6

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:48

%: 0.0000 - 0.1195 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

No warnings found on HPD Priority Hazard Lists None found

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 5

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:49

%: 0.0000 - 0.1967 GS: LT-P1 BC: None SUBSTANCE ROLE: Pigment NANO: No

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

No warnings found on HPD Priority Hazard Lists None found

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 4

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:49

%· 0.0000 - 0.4470 GS: BM-1 **BC: None** NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

MAK

CAN 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. The HPDC Approved Preparer obtained full disclosure down to the 1,000 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. 3

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-04-06 3:26:50

%: 0.0000 - 0.4470 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 1,000 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. 2



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 FloorScore

CERTIFYING PARTY: Third Party ISSUE DATE: 2021-10- EXPIRY DATE: 2022-CERTIFIER OR LAB: SCS Global APPLICABLE FACILITIES: All Facilities 01 09-30 Services

CERTIFICATE URL:

https://www.scsglobalservices.com/certifiedclients/certificates/12097

CERTIFICATION AND COMPLIANCE NOTES: 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. Registration # SCS-FS-02957.

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

PLAE Vertical Inc. worked with the HPDC Approved Preparer to confirm that all intentionally added ingredients, 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 1,000 ppm threshold.

MANUFACTURER INFORMATION

MANUFACTURER: PLAE

ADDRESS: 190 Etowah Industrial

Canton GA 30114, USA

WEBSITE: plae.us

CONTACT NAME: Shawna Healy TITLE: VP of Business Development

PHONE: 714.322.8320

EMAIL: shawna.healy@plae.us

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

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

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.)

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

NoGS No GreenScreen.

Other Terms:

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

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.