PRO CEMIX[™] by PROMA Adhesives Inc.

Health Product Declaration v2.3 created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 32531 CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: PRO CEMIX[™] is a polymer-modified fast-setting, pre-blended, calcium aluminate cement-based mortar bed and screed mix designed for concrete repair and for building new screeds. When mixed exclusively with water, this mortar provides a high compressive strength, shrinkage-free screed with a residual moisture content of less than 2.5% after 24 hours. PRO CEMIX[™] is also used to repair concrete holes and fill trenches up to 10 cm (4″) deep; slope shower pans from 10 mm (3/8″) up to 50 mm (2″) thick; and build new mortar beds up to 50 mm (2″) thick. PRO CEMIX[™] allows foot traffic and ceramic tile installation after 3 hours and floor covering installation after 24 hours making it an ideal product for quick turn-around projects such as retail and commercial centers, hospitals, airports, and manufacturing plants.

Section 1: Summary

CONTENT INVENTORY

- Inventory Reporting Format © Nested Materials Method
- C Basic Method
- Threshold Disclosed Per
- O Material
- O Product

Threshold Level
C 100 ppm
C 1,000 ppm
C Per GHS SDS
C Other

Residuals/Impurities Evaluation Completed in 10 of 10 Materials Explanation(s) provided

for Residuals/Impurities? ⊙ Yes ⊖ No

Nested Method / Product Threshold

For all contents above the threshold, the ma	nufacturer has:
Characterized	⊙ Yes ⊖ No
Provided weight and role.	
Screened	• Yes O No
Provided screening results using HPDC-app	roved
methods.	
Identified	🔿 Yes 🛈 No
Provided name and CAS RN or other identifi	ier.

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

 FILLER D [UNDISCLOSED LT-UNK] FILLER B [SAND] BINDER A [

 CEMENT, ALUMINA, CHEMICALS LT-UNK] FILLER C [SAND]

 BINDER B [PORTLAND CEMENT LT-P1 | CAN | END | MAM] FILLER A

 [CALCIUM CARBONATE BM-3dg QUARTZ BM-1 | CAN | MAM | GEN]

 BINDER C [PLASTER OF PARIS NoGS QUARTZ BM-1 | CAN | MAM | GEN]

 BINDER C [PLASTER OF PARIS NoGS QUARTZ BM-1 | CAN | MAM | DEV |

 SKI] ADDITIVE [UNDISCLOSED LT-UNK | MUL | EYE | MAM | DEV |

 SKI] ADDITIVE [UNDISCLOSED LT-UNK | MUL | MAM] POLYMER [

 UNDISCLOSED LT-UNK | MUL |]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [GeologicalMaterial]

HPD prepared using a Nested Materials Inventory with a product threshold at 1,000 ppm. Substances present in the product, as well as known residuals and impurities, have been disclosed at 1,000 ppm. More details about how residuals and impurities are available in the appropriate sections. Substances are not all identified becasue some are prorpietary.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional

listings.

VOC emissions: CDPH Standard Method - Not tested

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1.

Third Party Verified? O Yes O No PREPARER: Vertima VERIFIER: VERIFICATION #: SCREENING DATE: 2023-04-26 PUBLISHED DATE: 2023-04-26 EXPIRY DATE: 2026-04-26 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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

RODUCT THRESHOLD: 10	00 ppm RESIDUALS AND IMPURITIES E	VALUATION COMPLETED: Yes	MATERIAL TYPE: Glass
ESIDUALS AND IMPURITI	ES NOTES: There are no residuals or impurities	at or above the declaration thres	nold.
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UNDISCLOSED			ID: Undisclose
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 20	023-02-21 11:42:27
%: 100.0000	GreenScreen: LT-UNK	RC: PostC NANO: No SUB	STANCE ROLE: Glass componen
		WARNINGS	
HAZARD TYPE	LIST NAME AND SOURCE	WAI ININGO	
HAZARD TYPE	LIST NAME AND SOURCE	Persistence	
HAZARD TYPE			

 FILLER B
 %: 15.0000 - 45.0000

 PRODUCT THRESHOLD: 1000
 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
 MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.

OTHER MATERIAL NOTES: Ranges are used to protect product exact recipe.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-04-26 5:46:09 %: 100.0000 GreenScreen: LT-UNK RC: NaNO: No SUBSTANCE ROLE: Binder HAZARD TYPE LIST NAME AND SOURCE WARNINGS No warnings found on HPD Priority Hazard None found No warnings found on HPD Priority Hazard No listings found on Additional Hazard None found No listings found on Additional Hazard SUBSTANCE NOTES: %: 5.0000 - 15.0000		HDDC Special Conditions Delieu				
HAZARD TYPE AGENCY AND LIST TITLES WARNINGS INGREDIENT DESCRIPTION AND COMPOSITION: Natural sand				NANO: No		
Hazard Screening is not applicable to this Special Condition INGREDIENT DESCRIPTION AND COMPOSITION: Natural sand COUNTRY OF ORIGIN: Canada RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive eler are found in this material. POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no radioactive eler are found in this material. MATERIAL CONTENT NOTES: NDER A %: 50000 - 15.0000 RODUCT THRESHOLD: 1000 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: MATERIAL TYPE: Geologically Derive Material SIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold. THER MATERIAL NOTES: Ranges are used to protect product exact recipe. CEMENT, ALUMINA, CHEMICALS Pro: Some NANO: No SUBSTANCE ROLE: Binder No action on HPD Priority Hazard ADDITIONAL LIST NAME AND SOURCE WARNINGS None found No warnings found on HPD Priority Hazard ADDITIONAL LIST NAME AND SOURCE No listings found on Additional Hazard SUBSTANCE NOTES: LLER C %: 5000 - 15.0000 No listings found on Additional Hazard SUBSTANCE NOTES:			o. None			
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	ESIDUALS AND IMPURIT THER MATERIAL NOTES CEMENT, ALUMINA, CH HAZARD DATA SOURCE %: 100.0000 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES:	TIES NOTES: There are no residuals or imp S: Ranges are used to protect product exa HEMICALS E: Pharos Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE %: 5.0000 - 15.0000 1000 RESIDUALS AND IMPURITIES E Yes	ourities at or abor act recipe. y HAZARD SC RC: None	Ma ve the declaratio REENING DATE: NANO: No WARNINGS No ward NOTIFICATION NO MOLETED: MA Ma	aterial ID: (2023-04-26 5:46:09 SUBSTANCE ROLE: Bind nings found on HPD Priority Ha listings found on Additional Ha ATERIAL TYPE: Geologically De aterial	55997-1 ler zard Lis

SAND				ID: Geological Material
HAZARD DATA SOURCE	E: HPDC Special Conditions Polic	су		
%: 100.0000 G	reenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TI	TLES	WARNINGS	
	Hazard Screening	is not applicable to this	Special Condition	
INGREDIENT DESCRIP	PTION AND COMPOSITION: Natura	Il silica sand		
COUNTRY OF ORIGIN	: Canda			
RADIOACTIVE ELEME	NTS: Trace amounts by natural abu	undance		
POTENTIAL PRESENC toxic metals are found		o supplier provided info	ormation and/or inte	rnal testing, it is determined that no
MATERIAL CONTENT	NOTES:			
BINDER B	%: 1.0000 - 5.0000			
PRODUCT THRESHOLD: ppm	1000 RESIDUALS AND IMPUF Yes	RITIES EVALUATION CO	MPLETED: MAT	ERIAL TYPE: Geologically Derived
RESIDUALS AND IMPURI	TIES NOTES: There are no residual	ls or impurities at or ab	ove the declaration t	threshold.
OTHER MATERIAL NOTES	S: Ranges are used to protect prod	luct exact recipe.		
PORTLAND CEMENT				ID: 65997-15-1
	E: Pharos Chemical and Materials	s Librarv HAZARD S	CREENING DATE: 2	
%: 100.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOU	RCE	WARNINGS	
CAN	МАК		Carcinogen Group but not sufficient f	o 3B - Evidence of carcinogenic effects for classification
END	TEDX - Potential Endo	ocrine Disruptors	Potential Endocrin	ne Disruptor
МАМ	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic repeated exposure - Category 1]
ADDITIONAL LISTINGS	S LIST NAME AND SOU	RCE	NOTIFICATION	
None found			No lis	stings found on Additional Hazard Lists
SUBSTANCE NOTES:				
FILLER A	%: 1.0000 - 5.0000			

PRODUCT THRESHOLD: 1000 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: There are no residuals at or above the declaration threshold. Natural impurities may occur.

OTHER MATERIAL NOTES: Ranges are used to protect product exact recipe.

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SC	CREENING DATE:	2023-04-26 5:46:11
%: 97.0000 - 100.0000	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	nings found on HPD Priority Hazard
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard

QUARTZ				ID: 14808-60-7
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCI	REENING DATE:	2023-04-26 5:46:11
%: Impurity/Residual	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	МАК	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
МАМ	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
МАМ	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

BINDER C	%: 1.0000 - 5.0000				
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Geologically Derived Material			
RESIDUALS AND IMPURITIES NOT	ES: There are no residuals at or above the declaration thresho	ld. Natural impurities may occur.			
OTHER MATERIAL NOTES: Ranges are used to protect product exact recipe.					
PLASTER OF PARIS		ID: 26499-65-0			

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SO	CREENING DATE:	2023-04-26 5:46:12	
%: 95.0000 - 100.0000	GreenScreen: NoGS	RC: PreC	NANO: No	SUBSTANCE ROLE: Binder	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No war	nings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	listings found on Additional Hazard Lists	

SUBSTANCE NOTES: Ranges are used to protect product exact recipe.

QUARTZ

ID:	4	18	ng	-60	-7
· · · · ·		TUT	00	-00	

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-04-26 5:46:12	
%: Impurity/Residual	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	US CDC - Occupational Carcino	ogens	Occupational C	arcinogen	
CAN	CA EPA - Prop 65		Carcinogen - sp route	pecific to chemical form or exposure	
CAN	US NIH - Report on Carcinogens	S	Known to be Hu occupational se	uman Carcinogen (respirable size - etting)	
CAN	МАК		Carcinogen Gro man	oup 1 - Substances that cause cancer in	
CAN	IARC		Group 1 - Agent from occupation	t is carcinogenic to humans - inhaled nal sources	
CAN	IARC		Group 1 - Agent is Carcinogenic to humans		
CAN	US NIH - Report on Carcinogen	S	Known to be a human Carcinogen		
CAN	GHS - Japan		H350 - May cause cancer [Carcinogenicity - Catego 1A]		
CAN	GHS - Australia		H350i - May cau - Category 1A o	use cancer by inhalation [Carcinogenicity or 1B]	
CAN	GHS - New Zealand		Carcinogenicity	category 1	
МАМ	GHS - Japan		repeated expos	damage to organs through prolonged or sure [Specific target organs/systemic g repeated exposure - Category 1]	
GEN	GHS - Japan		H341 - Suspect mutagenicity - C	ed of causing genetic defects [Germ cell Category 2]	
МАМ	GHS - Australia		repeated expos	damage to organs through prolonged or sure [Specific target organ toxicity - sure - Category 1]	
MAM	GHS - New Zealand		Specific target of category 1	organ toxicity - repeated exposure	

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

RETARDER	%: 0.1000 - 0.5000			
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALU Yes	ATION CO	OMPLETED:	MATERIAL TYPE: Other: Organic Compound
RESIDUALS AND IMPURITIES NOT	ES: There are no residuals or impurities	at or abo	ove the declarati	ion threshold.
OTHER MATERIAL NOTES: Ranges	are used to protect product exact reci	pe.		
UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Toxno	t Chemical Hazard Screening Library	HAZARI	D SCREENING E	DATE: 2023-02-21 11:42:50
%: 99.5000 - 100.0000	GreenScreen: LT-UNK	RC: Nor	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardou Waters	us to	Mult*	
EYE	New Zealand - GHS		Eye Irritation/0	Corrosivity
MUL	Quebec CSST - WHMIS 1988		Mult*	

ADDITIONAL LISTINGS

None found

EYE

MAM

DEV

SKI

MAM

SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.

NOTIFICATION

Eye Irritation/Corrosivity

Developmental Toxicity

Skin Irritation/Corrosivity

Systemic Toxicity/Organ Effects (Single Exposure)

Systemic Toxicity/Organ Effects (Single Exposure)

No listings found on Additional Hazard Lists

 ADDITIVE
 %: 0.0000 - 0.5000

 PRODUCT THRESHOLD: 1000
 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: MATERIAL TYPE: Geologically Derived Material

 RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.

OTHER MATERIAL NOTES: Ranges are used to protect product exact recipe.

Australia - GHS

Australia - GHS

Australia - GHS

New Zealand - GHS

LIST NAME AND SOURCE

MAK

UNDISCLOSED		ID: Undisclosed			
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2023-02-21 11:42:52			
%: 98.0000	GreenScreen: LT-UNK	RC: None NANO: No SUBSTANCE ROLE: Processing regulator			
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS			
MUL	German FEA - Substances Hazardor Waters	us to Mult*			
MAM	New Zealand - GHS	Acute Mammalian Toxicity			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION			
None found No listings found on Additional Haz					
POLYMER	%: 0.1000 - 0.5000				
PRODUCT THRESHOLD: 10		UATION COMPLETED: Yes MATERIAL TYPE: Polymeric Material			
	ES NOTES: There are no residuals or impurities				
	Ranges are used to protect product exact reci				
UNDISCLOSED		ID: Undisclosed			
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2023-02-21 11:42:54			
%: 70.0000 - 100.0000	GreenScreen: LT-UNK	RC: None NANO: No SUBSTANCE ROLE: Polymer species			
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS			
MUL	German FEA - Substances Hazardou Waters	us to Mult*			
	EC - CEPA DSL	Persistence			

HAZARD DATA SOURCE	: Toxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2023-02-21 11:42:54			
%: 70.0000 - 100.0000	GreenScreen: LT-UNK	RC: Non	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances Hazardor Waters	us to	Mult*		
	EC - CEPA DSL		Persistence		
MUL	EC - CEPA DSL		Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	listings found on Additional Hazard Lists	

SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.

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 CDPH Standard Method - Not tested

CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All. CERTIFICATE URL: ISSUE DATE: 2023-03-13 EXPIRY DATE: CERTIFIER OR LAB: None

CERTIFICATION AND COMPLIANCE NOTES:

😑 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.

PRO SUPERPRIME™

MANUFACTURER (OR GENERIC): PROMA Adhesives Inc.

HPD URL: https://hpdrepository.hpd-collaborative.org/repository/HPDs/1122_PRO_SUPERPRIME_.pdf

ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: PRO SUPERPRIME™ can be used to ready nearly any surface for PROMA toppings without the need for scarifying or shotblasting

PRO SUPERPRIME™ 1C

MANUFACTURER (OR GENERIC): PROMA Adhesives Inc.

HPD URL: https://hpdrepository.hpd-collaborative.org/repository/HPDs/1122_PRO_SUPERPRIME_1C.pdf ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: PRO SUPERPRIME™ 1C can be used to ready nearly any surface for PROMA toppings without the need for scarifying or shotblasting

Section 5: General Notes

PRO CEMIX[™] does not contain any VOCs. The product comes in powder form. It is mixed to water on site prior to usage.

MANUFACTURER INFORMATION

MANUFACTURER: **PROMA Adhesives Inc.** ADDRESS: **9801**, **Parkway Anjou Quebec H1J 1P3**, **Canada** WEBSITE: www.proma.ca / www.proma.us

CONTACT NAME: Caroline Sow TITLE: R&D LAB DIRECTOR PHONE: 514.852.8585 EMAIL: caroline.sow@proma.ca

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

LT-P1 List Translator Possible 1 (Possible Benchmark-1) LT-1 List Translator 1 (Likely Benchmark-1) LT-UNK List Translator Benchmark Unknown NoGS No GreenScreen.

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)

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.