PRO CEMIX[™] WS by PROMA Adhesives Inc.

HPD UNIQUE IDENTIFIER: 32532

CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: PRO CEMIX[™] WS is a polymer-modified fast-setting, pre-blended, shrinkage-free, abrasion resistant, calcium aluminate cement-based mortar formulated with Corrosion Guard[™] protection for concrete repair, topping, floating topping and for building new screeds. PRO CEMIX[™] WS allows foot traffic and ceramic tile installation after 3-4 hours and floor covering installation after 24-48 hours.

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation Completed in 9 of 9 Materials	<i>For all contents above the threshold</i> Characterized	d, the manufacturer has: ⊙ Yes ⊜ No
 Nested Materials Method Basic Method 	 1,000 ppm Per GHS SDS 	Explanation(s) provided for Residuals/Impurities?	Provided weight and role. Screened	⊙ Yes ⊂ No
Threshold Disclosed Per C Material Product	C Other	⊙ Yes ⊖ No	<i>Provided screening results using Hi</i> <i>methods.</i> Identified	PDC-approved ୦ Yes ତ No
			Provided name and CAS RN or othe	er 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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

FILLER A [SAND] BINDER A [CEMENT, ALUMINA, CHEMICALS LT-UNK] BINDER B [UNDISCLOSED LT-UNK | MUL UNDISCLOSED LT-P1 | CAN | END | MUL | MAM] BINDER C [PLASTER OF PARIS NoGS QUARTZ BM-1 | CAN | MAM | GEN] POLYMER A [UNDISCLOSED LT-UNK | MUL | UNDISCLOSED LT-UNK | MUL UNDISCLOSED LT-UNK | CAN | | MUL UNDISCLOSED LT-UNK | MUL |] POLYMER B [UNDISCLOSED LT-UNK | MUL | UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | MUL |] RETARDER A [UNDISCLOSED LT-UNK | MUL | EYE | MAM | DEV | SKI] ADDITIVE [UNDISCLOSED LT-UNK | MUL | MAM] RETARDER B [UNDISCLOSED LT-P1 | MUL || EYE | MAM]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

Number of Greenscreen BM-4/BM3 contents ... 0

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

Health Product Declaration v2.3

created via: HPDC Online Builder

Nested Method / Product Threshold

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

FILLER A	%: 60.0000 - 80.0000			
PRODUCT THRESHOLD: 100	00 RESIDUALS AND IMPU Yes	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes		MATERIAL TYPE: Geologically Derived Material
RESIDUALS AND IMPURITIE	ES NOTES: There are no residua	als or impurities at or	above the declara	ation threshold.
OTHER MATERIAL NOTES: I	Ranges are used to protect pro	duct exact recipe.		
SAND				ID: Geological Materia
HAZARD DATA SOURCE:	HPDC Special Conditions Poli	су		
%: 100.0000 Gree	enScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Filler
HAZARD TYPE	AGENCY AND LIST T	ITLES	WARNINGS	
	Hazard Screening	is not applicable to	this Special Cond	lition
INGREDIENT DESCRIPTI	ON AND COMPOSITION: Natura	al sand		
COUNTRY OF ORIGIN: C	anada			
RADIOACTIVE ELEMENT are found in this material.		ed information and/o	r internal testing,	it is determined that no radioactive elements
POTENTIAL PRESENCE (toxic metals are found in		to supplier provided	nformation and/o	r internal testing, it is determined that no
MATERIAL CONTENT NO	DTES:			
BINDER A	%: 5.0000 - 15.0000			
PRODUCT THRESHOLD: 100	00 RESIDUALS AND IMPU Yes	RITIES EVALUATION	COMPLETED:	MATERIAL TYPE: Geologically Derived Material
RESIDUALS AND IMPURITIE	ES NOTES: There are no residua	als or impurities at or	above the declara	ation threshold.
)THER MATERIAL NOTES: I	Ranges are used to protect pro	duct exact recipe.		

CEMENT, ALUMINA, CH	EMICALS			ID: 65997-16-2
HAZARD DATA SOURCE	Pharos Chemical and Materials Library	HAZARD SC	CREENING DATE:	2023-04-26 5:47:11
%: 100.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	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:				

BINDER B	%: 5.0000 - 15.0000	
PRODUCT THRESHOLD: 1000 ppm	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.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD S	CREENING DATE:	2023-02-21 11:43:35
%: 90.0000	GreenScreen: LT-UNK	RC: Both	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	W	ARNINGS	
	EC - CEPA DSL	Р	ersistence	
MUL	EC - CEPA DSL	N	lult*	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	N	OTIFICATION	
None found			No listi	ngs found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed as it is proprietary.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2023-02-21 11:43:36	
%: 10.0000 - 10.0000	GreenScreen: LT-P1	RC: None NANO: No SUBSTANCE ROLE: Bi	inder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
CAN	МАК	Carcinogenicity	
END	TEDX - Potential Endocrine Disrupto	Endocrine Activity	
MUL	German FEA - Substances Hazardou Waters	ous to Mult*	
	EC - CEPA DSL	Persistence	
MUL	EC - CEPA DSL	Mult*	
MUL	Quebec CSST - WHMIS 1988	Mult*	
МАМ	Japan - GHS	Systemic Toxicity/Organ Effects (Repeated Exp	posure)
MAM	Japan - GHS	Systemic Toxicity/Organ Effects (Single Exposure)	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
None found		No listings found on Additional Ha	zard List

SUBSTANCE NOTES: This substance is undisclosed as it is proprietary.

BINDER C	%: 1.0000 - 5.0000		
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EV/ Yes	ALUATION COMPLETED:	MATERIAL TYPE: Geologically Derived Material
RESIDUALS AND IMPURITIES NO	DTES: There are no residuals at or ab	ove the declaration thresho	ld. Natural impurities may occur.
OTHER MATERIAL NOTES: Rang	es are used to protect product exact	recipe.	
PLASTER OF PARIS			ID: 26499-65-0
HAZARD DATA SOURCE: Pha	ros Chemical and Materials Library	HAZARD SCREENING DA	TE: 2023-04-26 5:47:11
%: 95.0000 - 100.0000	GreenScreen: NoGS	RC: PreC NANO: N	No SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
None found		No	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATI	ON
None found			No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Ranges	are used to protect product exact re	cipe. Furthermore, this subs	stance is undisclosed as it is proprietary.
QUARTZ			ID: 14808-60-7
HAZARD DATA SOURCE: Pha	ros Chemical and Materials Library	HAZARD SCREENING DA	TE: 2023-04-26 5:47:12

RC: None

NANO: No

GreenScreen: BM-1

%: Impurity/Residual

PRO CEMIX WS

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
MAM	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]
MAM	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:		

SUBSTANCE NOTES:

POLYMER A	%: 0.5000 - 3.0000		
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVAL	LUATION COMPLETED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES	: There are no residuals or impurities	at or above the declaration th	nreshold.
OTHER MATERIAL NOTES: Ranges a	re used to protect product exact recip	pe.	
_			
UNDISCLOSED			ID: Undisclosed
	Chemical Hazard Screening Library	HAZARD SCREENING DATE	

None found		No listings found on Additional Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
MUL	EC - CEPA DSL	Mult*
	EC - CEPA DSL	Persistence
MUL	German FEA - Substances Hazardous to Waters	Mult*
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SC	REENING DATE:	2023-02-21 11:43:48
%: 0.0000 - 15.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Carrier
HAZARD TYPE	LIST NAME AND SOURCE	WA	RNINGS	
MUL	Quebec CSST - WHMIS 1988	Mul	t*	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NO	TIFICATION	
None found			No listir	ngs found on Additional Hazard List

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

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: 1	Foxnot Chemical Hazard Screening Library	HAZARD SCF	REENING DATE:	2023-02-21 11:43:50
%: 0.0000 - 15.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Carrier
HAZARD TYPE	LIST NAME AND SOURCE	WA	RNINGS	
CAN	МАК	Carcinogenicity		
	EC - CEPA DSL	Pers	sistence	
MUL	Quebec CSST - WHMIS 1988	Mul	t*	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOT	TIFICATION	
None found			No listir	ngs found on Additional Hazard Lists
SUBSTANCE NOTES: Rang	ges are used to protect product exact recipe.	Furthermore,	this substance is	undisclosed as it is proprietary.
UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: 1	Foxnot Chemical Hazard Screening Library	HAZARD SCF	REENING DATE:	2023-02-21 11:43:49
%: 0.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive

MUL	German FEA - Substances Hazardous to Waters	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

POLYMER B

%: 0.5000 - 3.0000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Polymeric 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.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Tox	knot Chemical Hazard Screening Library	HAZARD	O SCREENING DA	ATE: 2023-02-21 11:43:52
%: 60.0000 - 80.0000	GreenScreen: LT-UNK	RC: Non	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	
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.

UNDISCLOSED				ID: Undisclos
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SCF	REENING DATE:	2023-02-21 11:43:54
%: 10.0000 - 30.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WAI	RNINGS	
None found			No warnings	found on HPD Priority Hazard List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOT	TIFICATION	
None found			No listin	gs found on Additional Hazard List

UNDISCLOSED				ID: Undisclo
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SC	REENING DATE:	2023-02-21 11:43:55
%: 1.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE	WA	RNINGS	
MUL	German FEA - Substances Hazardou Waters	ıs to Mu	lt*	
	EC - CEPA DSL	Per	rsistence	
MUL	EC - CEPA DSL	Mu	lt*	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NO	TIFICATION	
None found			No listir	ngs found on Additional Hazard Li

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

RETARDER A

%: 0.1000 - 0.5000

 PRODUCT THRESHOLD: 1000
 RESIDUALS AND IMPURITIES EVALUATION COMPLETED:
 MATERIAL TYPE: Other: Organic

 ppm
 Yes
 Compound

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. A generic material name is used for proprietary reasons.

UNDISCLOSED			ID: Undisclos
HAZARD DATA SOURCE: To	knot Chemical Hazard Screening Library	HAZARD	D SCREENING DATE: 2023-02-21 11:43:57
%: 99.5000 - 100.0000	GreenScreen: LT-UNK	RC: Non	ne NANO: No SUBSTANCE ROLE: Processing regula
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS
MUL	German FEA - Substances Hazardou Waters	ıs to	Mult*
EYE	New Zealand - GHS		Eye Irritation/Corrosivity
MUL	Quebec CSST - WHMIS 1988		Mult*
EYE	Australia - GHS		Eye Irritation/Corrosivity
MAM	Australia - GHS		Systemic Toxicity/Organ Effects (Single Exposure)
DEV	МАК		Developmental Toxicity
SKI	Australia - GHS		Skin Irritation/Corrosivity
МАМ	New Zealand - GHS		Systemic Toxicity/Organ Effects (Single Exposure)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION
None found			No listings found on Additional Hazard Lis

ADDITIVE	%: 0.0000 - 0.5000						
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUA Yes	ATION COMPLETED:	MATERIAL TYPE: Geologically Derived Material				
RESIDUALS AND IMPURITIES N	IOTES: There are no residuals or impurities	at or above the declara	tion threshold.				
OTHER MATERIAL NOTES: Ranges are used to protect product exact recipe. A generic material name is used for proprietary reasons.							
UNDISCLOSED			ID: Undisclosed				
	xnot Chemical Hazard Screening Library	HAZARD SCREENING	ID: Undisclosed DATE: 2023-02-21 11:43:59				
HAZARD DATA SOURCE: To	xnot Chemical Hazard Screening Library enScreen: LT-UNK						

MUL	German FEA - Substances Hazardous to Waters	Mult*
МАМ	New Zealand - GHS	Acute Mammalian Toxicity
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed as it is proprietary.

RETARDER B	%: 0.0000 - 0.5000				
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALU	UATION C	OMPLETED: Ye	S MATERIAL TYP	PE: Other: Inorganic Salt
RESIDUALS AND IMPURITIES NOTE	S: There are no residuals or impurities	at or abo	ve the declaration	on threshold.	
OTHER MATERIAL NOTES: Ranges	are used to protect product exact recip	oe. A gene	ric material nan	ne is used for proprie	etary reasons.
UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE: Toxnot	Chemical Hazard Screening Library	HAZARD	SCREENING D	ATE: 2023-02-21 1	1:44:02
%: 95.0000 - 100.0000	GreenScreen: LT-P1	RC: Non	e NANO: No	SUBSTANCE ROLE	Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances Hazardou Waters	is to	Mult*		
	EC - CEPA DSL		Persistence		
EYE	New Zealand - GHS		Eye Irritation/C	Corrosivity	
MUL	Quebec CSST - WHMIS 1988		Mult*		
МАМ	New Zealand - GHS		Acute Mamma	lian Toxicity	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	J	
None found			Ν	o listings found on A	Additional Hazard Lists

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™ WS 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.