

HPD UNIQUE IDENTIFIER: 32202

CLASSIFICATION: 09 32 00 Mortar-Bed Tiling

PRODUCT DESCRIPTION: This HPD includes the following Polymer-Modified Mortars: PRO FLEX® SET - GREY, PRO FLEX® SELECT, PRO P-151™ and PRO P-151™ SF. Products are described in HPD Section 5: General Notes.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities Evaluation</p> <p>Completed in 8 of 8 Materials</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>For all contents above the threshold, the manufacturer has:</i></p> <p>Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p>Screened <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p>Identified <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>Provided name and CAS RN or other identifier.</i></p>
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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 [SAND] BINDER [PORTLAND CEMENT LT-P1] CAN | END | MAM CALCIUM OXIDE BM-2 | SKI | MAM | EYE QUARTZ BM-1 | CAN | MAM | GEN] POLYMER A [UNDISCLOSED LT-UNK] UNDISCLOSED LT-UNK | CAN | | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | MUL |] ACCELERATOR [UNDISCLOSED LT-UNK] MUL | EYE | MAM] RHEOLOGY MODIFIER A [CELLULOSE, 2-HYDROXYETHYL METHYL ETHER BM-2] RHEOLOGY MODIFIER E [UNDISCLOSED NoGS]

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 because some are proprietary.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

Yes

No

PREPARER: Vertima

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2023-04-06

PUBLISHED DATE: 2023-04-06

EXPIRY DATE: 2026-04-06

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

FILLER %: 50.0000 - 70.0000

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.

SAND ID: Geological Material

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: 100.0000 - 100.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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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 elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.

MATERIAL CONTENT NOTES:

BINDER %: 30.0000 - 50.0000

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

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities may be present at or above the declaration threshold; therefore, they are listed in the substance list.

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

PORTLAND CEMENT ID: 65997-15-1

HAZARD DATA SOURCE: [Pharos Chemical and Materials Library](#) HAZARD SCREENING DATE: 2023-04-06 11:59:01

%: 100.0000 - 100.0000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

CALCIUM OXIDE

ID: 1305-78-8

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE:	2023-04-06 11:59:02		
%: Impurity/Residual	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS			
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]			
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]			
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]			
SKI	GHS - New Zealand	Skin corrosion category 1C			
EYE	GHS - New Zealand	Serious eye damage category 1			
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]			
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]			
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION			
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals			
		Antimicrobials			
SUBSTANCE NOTES:					

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE:	2023-04-06 11:59:03		
%: 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	MAK	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]
MAM	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:

POLYMER A

#: 1.0000 - 5.0000

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: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:39**

#: **40.0000 - 60.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	EC - CEPA DSL	Persistence
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: **Undisclosed**

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2023-02-01 11:48:41		
%: 10.0000 - 30.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	IARC	Carcinogenicity		
	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: **Undisclosed**

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2023-02-01 11:48:42		
%: 10.0000 - 20.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings 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. Furthermore, this substance is undisclosed as it is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2023-02-01 11:48:43		
%: 1.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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

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

ACCELERATOR

#: 0.1000 - 1.0000

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: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:45**

#: **98.0000 - 100.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Accelerator**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Mult*
EYE	New Zealand - GHS	Eye Irritation/Corrosivity
MAM	New Zealand - GHS	Acute Mammalian Toxicity
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.

RHEOLOGY MODIFIER A

#: 0.0000 - 0.5000

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.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-04-06 11:59:02**%: **92.0000 - 100.0000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings 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.

RHEOLOGY MODIFIER E %: **0.0000 - 0.5000**PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES EVALUATION COMPLETED: **Yes** MATERIAL TYPE: **Other Biological 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.

UNDISCLOSEDID: **Undisclosed**HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:49:01**%: **99.0000 - 100.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings 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. Furthermore, this substance is undisclosed as it is proprietary.

POLYMER B %: **0.0000 - 5.0000 ALTERNATE**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.

ALTERNATE: This nested material is an alternate nested material to polymer A.

UNDISCLOSEDID: **Undisclosed**HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:35**

#: 60.0000 - 80.0000

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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

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: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:36**

#: **10.0000 - 30.0000 ALT**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings 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. Furthermore, this substance is undisclosed as it is proprietary.

ALTERNATE: This substance is an alternate substance to Undisclosed.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:37**

#: **0.0000 - 10.0000 ALT**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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

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

ALTERNATE: This substance is an alternate substance to Undisclosed.

RHEOLOGY MODIFIER F

#: **0.0000 - 0.5000 ALTERNATE**

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.

ALTERNATE: This nested material is an alternate nested material to rheology modifier E.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:54**

%: **70.0000 - 85.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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MUL	German FEA - Substances Hazardous to Waters	Mult*
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ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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None found		No listings found on Additional Hazard Lists
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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: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:56**

%: **2.0000 - 20.0000 ALT** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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MUL	German FEA - Substances Hazardous to Waters	Mult*
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ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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None found		No listings found on Additional Hazard Lists
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SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.

ALTERNATE: This substance is an alternate substance to Undisclosed.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-01 11:48:57**

%: **2.0000 - 20.0000 ALT** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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MUL	German FEA - Substances Hazardous to Waters	Mult*
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	EC - CEPA DSL	Persistence
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MUL	EC - CEPA DSL	Mult*
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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.

ALTERNATE: This substance is an alternate substance to Undisclosed.

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	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2022-07-06	CERTIFIER OR LAB: Intertek
APPLICABLE FACILITIES: All.	EXPIRY DATE: 2023-07-05	Testing Services NA, Inc.
CERTIFICATE URL: https://sustainabilitydirectory.intertek.com/images/certificates/9c8c3472-0b41-408d-bd1b-ff826b607e5b/CA-88912-2022c.pdf		
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: CA-88912-2022c. Total VOCs after 14 days (336 hours): 0.5 mg/m ³ or less.		

VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2022-07-06	CERTIFIER OR LAB: Intertek
APPLICABLE FACILITIES: All.	EXPIRY DATE: 2023-07-05	Testing Services NA, Inc.
CERTIFICATE URL: https://sustainabilitydirectory.intertek.com/images/certificates/9c8c3472-0b41-408d-bd1b-ff826b607e5b/CA-88912-2022c.pdf		
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: CA-88912-2022c. Total VOCs after 14 days (336 hours): 0.5 mg/m ³ or less.		

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 setting materials 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 setting materials without the need for scarifying or shotblasting.

Section 5: General Notes

None of the products contain VOCs. All products come in powder form and are mixed to water on site prior to usage.

PRO FLEX® SET is a standard-grade, ultra-creamy, polymer-modified, single-component, sag-slump resistant thin-set mortar designed for the installation of ceramic, porcelain, and most natural stone products over suitable, well-prepared substrates.

PRO FLEX® SELECT is a professional-grade, polymer-modified, single-component, tile and stone setting mortar that is mixed only with water to achieve exceptional performance, even in the most demanding tile installation conditions. PRO FLEX SELECT contains PROMA's SUPER SETTING TECHNOLOGY, which offers extended open time, ultra-creamy consistency, and exceptional mortar transfer.

PRO P-151™ is a premium-grade, high-performance, universal single-component polymer-modified thin-set mortar suitable for institutional, commercial, and residential installations of non-vitreous, semi-vitreous, vitreous and impervious tiles, including porcelain and most natural stone. PRO P-151™ is designed to obtain high-bond strengths to conventional and non-conventional substrates such as existing VAT, VCT, existing ceramic tile, properly prepared terrazzo floors, and black asphalt emulsion residue. PRO P-151™ is one of the industry's most popular tile mortars with professionals.

PRO P-151 SF™ is a premium-grade, high-performance, universal single-component, specially formulated polymer-modified sag-slump resistant thin-set mortar for large-format and heavy tile and stone. PRO P-151 SF is suitable for institutional, commercial and residential installations of large-format non-vitreous, semi-vitreous, vitreous and impervious tiles, including porcelain and most natural stone. PRO P-151 SF is designed to obtain high-bond strengths to conventional and non-conventional substrates such as existing VAT, VCT, existing ceramic tile, properly prepared terrazzo floors, and black asphalt emulsion residue.

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	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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
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.