# PRO GROUT<sup>™</sup> XTREME by PROMA Adhesives Inc.

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

### HPD UNIQUE IDENTIFIER: 32001 CLASSIFICATION: 03 60 00 Grouting

PRODUCT DESCRIPTION: PRO GROUT<sup>™</sup> XTREME is an innovative, new-generation, lightweight, unique ALL-IN-ONE reactive resin mortar and grout featuring FUSION technology, which blends multiple key characteristics for the benefit of the end-user. PRO GROUT XTREME is a stain-resistant, scratch-free, and sag-free grout with exceptional color consistency and ease-of-maintenance. It is a water-cleanable, high-performance, and durable all-in-one mortar and grout that outperforms common cementitious mortars and grouts.

# Section 1: Summary

## CONTENT INVENTORY

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

Residuals/Impurities Evaluation Completed in 3 of 3 Materials

Explanation(s) provided for Residuals/Impurities? • Yes O No

# **Nested Method / Product Threshold**

For all contents above the threshold, the m	anufacturer has:
Characterized	• Yes O No
Provided weight and role.	
Screened	• Yes O No
Provided screening results using HPDC-ap	proved
methods.	
Identified	OYes O No
Provided name and CAS RN or other identi	ifier.

## 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.

Threshold Level

C 100 ppm

O Other

• 1,000 ppm

O Per GHS SDS

## NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

### GREENSCREEN SCORE | HAZARD TYPE

PRO GROUT XTREME - PART C (COLOR) [ UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | MUL UNDISCLOSED LT-1 | CAN | END | MAM UNDISCLOSED LT-UNK UNDISCLOSED BM-1 | CAN | MAM | EYE | SKI UNDISCLOSED BM-1 | CAN | MAM UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-UNK | CAN UNDISCLOSED BM-1 | CAN | EYE | MAM UNDISCLOSED NoGS UNDISCLOSED LT-1 CAN | MAM MUL GEN UNDISCLOSED BM-1 SKI | MAM UNDISCLOSED NoGS ] PRO GROUT XTREME - PART A (RESIN) [ PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH (CHLOROMETHYL)OXIRANE LT-P1 | MUL | SKI | EYE | AQU OXIRANE, 2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS- LT-UNK SKI | MUL | EYE OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS. LT-P1 | MUL | SKI ] PRO GROUT XTREME - PART B (HARDERNER) [ UNDISCLOSED BM-1 | MUL | POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2-AMINOMETHYLETHYL) -ω-(2-AMINOMETHYLETHOXY)- LT-UNK | MUL | SKI | EYE | MAM ISOPHORONE DIAMINE LT-P1 | SKI | MUL | EYE | AQU BENZENEMETHANOL BM-2 | EYE | MAM | SKI UNDISCLOSED LT-P1 | MUL | EYE | AQU | MAM | | SKI PHENOL, 4,4'-(1-**METHYLETHYLIDENE)BIS-, POLYMER WITH** (CHLOROMETHYL)OXIRANE LT-P1 | MUL | SKI | EYE | AQU 1-PIPERAZINEETHANAMINE LT-P1 | MUL | SKI | EYE | AQU | MAM 1,2-ETHANEDIAMINE, N-(2-AMINOETHYL)-N'-[2-[( 2-AMINOETHYL)AMINOJETHYLJ- LT-P1 | MUL | SKI | AQU | EYE | MAM TRIETHYLENETETRAMINE LT-P1 | SKI | MUL | MAM | EYE | AQU | REP 1

Number of Greenscreen BM-4/BM3 contents ... 0 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1, LT-1 Nanomaterial ... Yes INVENTORY AND SCREENING NOTES:

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. Material (g/l): 0-5

Regulatory (g/l): 0-5

Does the product contain exempt VOCs: No Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

### 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 VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

### CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?PREPARER: VertimaSCREENING DATE: 2023-04-03C YesVERIFIER:PUBLISHED DATE: 2023-04-03I NoVERIFICATION #:EXPIRY DATE: 2026-04-03

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

COLOR)					
RODUCT THRESHOLD: 100	00 ppm RESIDUALS AND IMPURITIES COMPLETED: No	EVALUATION	MAT Mate	ERIAL TYPE: Geolo rial	gically Derived
ESIDUALS AND IMPURITIE	S NOTES: There are no residuals or impurit	ies at or above th	e declaration thr	eshold.	
THER MATERIAL NOTES: I	Ranges are used to cover mixing ratios and	to protect produc	t exact recipe.		
UNDISCLOSED					ID: Undisclose
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Libra	ry HAZARD SCF	REENING DATE:	2023-02-01 12:04:	54
%: 70.0000 - 95.0000	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE R	OLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WAF	RNINGS		
	EC - CEPA DSL	Pers	sistence		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOT	TIFICATION		
None found	nges are used to protect product exact reci	pe. Furthermore, t		ngs found on Additio	
SUBSTANCE NOTES: Ra			this substance is	undisclosed as it is	s proprietary.
SUBSTANCE NOTES: Ra	nges are used to protect product exact reci Pharos Chemical and Materials Library		this substance is	undisclosed as it is	s proprietary.
SUBSTANCE NOTES: Ra UNDISCLOSED HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREEN	this substance is	undisclosed as it is	s proprietary. ID: Undisclos
SUBSTANCE NOTES: Ra UNDISCLOSED HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREEN	this substance is	23-04-03 7:38:24	s proprietary. ID: Undisclos
SUBSTANCE NOTES: Ra UNDISCLOSED HAZARD DATA SOURCE: %: 0.0000 - 14.0000	Pharos Chemical and Materials Library GreenScreen: LT-UNK	HAZARD SCREEN	this substance is NING DATE: 202 NANO: Yes	23-04-03 7:38:24	s proprietary. ID: Undisclose E: Pigment
SUBSTANCE NOTES: Rai UNDISCLOSED HAZARD DATA SOURCE: %: 0.0000 - 14.0000 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: LT-UNK	HAZARD SCREEN RC: <b>UNK</b> M WAF	this substance is NING DATE: 202 NANO: Yes	s undisclosed as it is 23-04-03 7:38:24 SUBSTANCE ROL	s proprietary. ID: Undisclos E: Pigment
SUBSTANCE NOTES: Rai UNDISCLOSED HAZARD DATA SOURCE: %: 0.0000 - 14.0000 HAZARD TYPE None found	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE	HAZARD SCREEN RC: <b>UNK</b> M WAF	this substance is NING DATE: 202 NANO: Yes RNINGS No warning:	s undisclosed as it is 23-04-03 7:38:24 SUBSTANCE ROL	s proprietary. ID: Undisclos E: Pigment
SUBSTANCE NOTES: Rai UNDISCLOSED HAZARD DATA SOURCE: %: 0.0000 - 14.0000 HAZARD TYPE None found ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE	HAZARD SCREEN RC: <b>UNK</b> MAR WAR	this substance is NING DATE: 20; NANO: Yes RNINGS No warning: TIFICATION No listir	s undisclosed as it is 23-04-03 7:38:24 SUBSTANCE ROL s found on HPD Price	s proprietary. ID: Undisclose E: Pigment ority Hazard List
SUBSTANCE NOTES: Rai UNDISCLOSED HAZARD DATA SOURCE: %: 0.0000 - 14.0000 HAZARD TYPE None found ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	HAZARD SCREEN RC: <b>UNK</b> MAR WAR	this substance is NING DATE: 20; NANO: Yes RNINGS No warning: TIFICATION No listir	s undisclosed as it is 23-04-03 7:38:24 SUBSTANCE ROL s found on HPD Price	s proprietary. ID: Undisclose E: Pigment ority Hazard List

%: 0.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WAF	RNINGS	
MUL	Quebec CSST - WHMIS 1988	Mult	*	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOT	IFICATION	
None found			No listin	gs found on Additional Hazard Lists

UNDISCLOSED				ID: Undisclos
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	REENING DATE: 2023-04	1-03 7:38:24
%: 0.0000 - 10.0000	GreenScreen: LT-1	RC: None	NANO: No SUE	BSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	US CDC - Occupational Carcino	gens	Occupational Carcinoger	1
CAN	CA EPA - Prop 65		Carcinogen - specific to o route	chemical form or exposure
CAN	IARC		Group 2B - Possibly carc from occupational source	inogenic to humans - inhaled es
CAN	МАК		Carcinogen Group 3A - E but not sufficient to estat	vidence of carcinogenic effec blish MAK/BAT value
END	TEDX - Potential Endocrine Disr	uptors	Potential Endocrine Disru	uptor
CAN	МАК		Carcinogen Group 4 - No Iow risk under MAK/BAT	n-genotoxic carcinogen with levels
CAN	EU - GHS (H-Statements) Annex	6 Table 3-1	H351 - Suspected of cau Category 2]	sing cancer [Carcinogenicity -
CAN	GHS - Japan		H351 - Suspected of cau Category 2]	sing cancer [Carcinogenicity -
MAM	GHS - Japan		repeated exposure [Spec	o organs through prolonged o ific target organs/systemic ed exposure - Category 1]
CAN	EU - Annex VI CMRs		Carcinogen Category 2 -	Suspected human Carcinoger

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
	,	Colorants - Green Circle (Verified Low Concern)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products

UNDISCLOSED				ID: Undisclose
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-04-03 7:38:25
%: 0.0000 - 6.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
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	
POSITIVE LIST	US Environmental Protection Ag EPA)	jency (US	US EPA - DfE Sa	afer Chemicals Ingredients list (SCIL)
			Colorants - Gree	en Circle (Verified Low Concern)

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

UNDISCLOSED				ID: Undisclose
HAZARD DATA SOURCE	E: Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-04-03 7:38:25
%: 0.0000 - 3.0002	GreenScreen: BM-1	RC: UNK	NANO: Yes	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		•	up 3B - Evidence of carcinogenic effects t for classification
MAM	GHS - Japan		repeated exposi	damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1]
EYE	GHS - Japan			serious eye damage [Serious eye ritation - Category 1]
SKI	GHS - Japan		H315 - Causes s Category 2]	skin irritation [Skin corrosion / irritation -

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:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE: 2	023-04-03 7:38:26
%: 0.0000 - 2.4600	GreenScreen: BM-1	RC: None	NANO: Yes	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	GHS - Japan		H350 - May cause 1A]	cancer [Carcinogenicity - Category
CAN	GHS - Australia		H350i - May cause - Category 1A or 1	cancer by inhalation [Carcinogenicity B]
МАМ	GHS - Japan		repeated exposure	mage to organs through prolonged or [Specific target organs/systemic epeated exposure - Category 1]
MAM	GHS - Australia			nage to organs through prolonged or (Specific target organ toxicity - - 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: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.

AZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-04-03 7:38:27
%: <b>0.0000 - 1.2000</b>	GreenScreen: BM-1	RC: UNK	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		0	up 3B - Evidence of carcinogenic effects t for classification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

## UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-04-03 7:38:26

%: 0.0000 - 1.2000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Group 3 but not sufficient for	BB - Evidence of carcinogenic effects r classification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listi	ngs found on Additional Hazard Lists

NANO: No SUBSTANCE ROLE: Pigment WARNINGS Occupational Carcinogen Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification Carcinogen - specific to chemical form or exposure route
Occupational Carcinogen Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification Carcinogen - specific to chemical form or exposure route
Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification Carcinogen - specific to chemical form or exposure route
but not sufficient for classification Carcinogen - specific to chemical form or exposure route
route
Oursen OD Describble consistence of the best of the based
Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
Eye irritation category 2
Carcinogenicity category 2
H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
NOTIFICATION

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:	Pharos Chemical and Materials Library	HAZARD SC	CREENING DATE:	2023-04-03 7:38:26	
%: 0.0000 - 0.4200	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE	Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warr	nings found on HPD Price	ority Hazard Lists

1

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

None found

ID: Undisclosed

HAZARD DATA SOURCE: T	oxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2023-02-01 12:05:08
%: 0.0000 - 0.3000	GreenScreen: LT-1	RC: None NANO: No SUBSTANCE ROLE: Impurity
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	Australia - GHS	Carcinogenicity
CAN	CA EPA - Prop 65	Carcinogenicity
CAN	IARC	Carcinogenicity
CAN	МАК	Carcinogenicity
CAN	US NIH - Report on Carcinogens	Carcinogenicity
CAN	Japan - GHS	Carcinogenicity
CAN	New Zealand - GHS	Carcinogenicity
	EC - CEPA DSL	Persistence
MAM	New Zealand - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	EC - CEPA DSL	Mult*
MUL	Quebec CSST - WHMIS 1988	Mult*
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MAM	Japan - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	Australia - GHS	Mult*
GEN	Japan - GHS	Mutagenicity/Genotoxicity
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lis

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

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-04-03 7:38:26

	-	-	01	-	-	_	_
LINI	n	IS		$\mathbf{n}$	S	F	<b>n</b>
		LO.			0		-

**ID: Undisclosed** 

## %: 0.0000 - 0.3000

GreenScreen: BM-1

RC: None

NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
SKI	МАК		Sensitizing Subs	tance Sh - Danger of skin sensitization	n
МАМ	GHS - Japan		repeated exposu	lamage to organs through prolonged o ure [Specific target organs/systemic g repeated exposure - Category 1]	)r
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovat Institute (C2CPII)	tion		Product Standard Restricted (RSL) - Effective July 1, 2022	
			Biological and Er	nvironmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Innovat Institute (C2CPII)	tion		Product Standard Restricted (RSL) - Effective July 1, 2022	
			Children's Produ	icts	
	re used to protect product exact recip				_
UNDISCLOSED				ID: Undisclo	sed
HAZARD DATA SOURCE: Toxno	ot Chemical Hazard Screening Librar	y hazari	D SCREENING DA	TE: 2023-02-01 12:05:09	
%: <b>0.0000 - 0.2750</b>	GreenScreen: NoGS	RC: Nor	ne NANO: No	SUBSTANCE ROLE: Impurity	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warn	nings found on HPD Priority Hazard Lis	sts
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No I	listings found on Additional Hazard Lis	sts
SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.					
PRO GROUT XTREME - PART A (RESIN)	%: 17.0000 - 25.0000				
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIE	S EVALUAT	ION COMPLETED:	: MATERIAL TYPE: Polymeric Material	
RESIDUALS AND IMPURITIES NOT	ES: There are no residuals or impuriti	ies at or abo	ove the declaration	n threshold.	
OTHER MATERIAL NOTES: Ranges	s are used to cover mixing ratios and	to protect p	roduct exact recip	De.	
PHENOL, 4,4'-(1-METHYLETHYL (CHLOROMETHYL)OXIRANE	IDENE)BIS-, POLYMER WITH			ID: <b>25068-3</b>	8-6
HAZARD DATA SOURCE: Pharo	s Chemical and Materials Library	HAZARD SC	REENING DATE:	2023-04-03 7:38:27	
%: 60.0000 - 80.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer specie	s

XIRANE, 2,2'-[1,4-BUTANEI	DIYLBIS(OXYMETHYLENE)]BIS-	ID: 2425-79
SUBSTANCE NOTES: Range	es are used to protect product exact recipe.	
		Core Restrictions
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Red List substances to avoid in Living Building Challenge V4.0 projects
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2022
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
AQU	GHS - Australia	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
SKI	GHS - New Zealand	Skin sensitisation category 1
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - New Zealand	Eye irritation category 2
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS

ı y

%: 7.0000 - 13.0000

GreenScreen: LT-UNK

RC: None NANO: No SUBSTANCE ROLE: Diluent

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	МАК	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents

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

# OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS.

ID: 68609-97-2

HAZARD DATA SOURCE	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-04-03 7:38:29
%: 7.0000 - 13.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Diluent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Haza Waters	ardous to	Class 2 - Hazard	to Waters
SKI	EU - GHS (H-Statements) Annex	6 Table 3-1	H315 - Causes s Category 2]	kin irritation [Skin corrosion/irritation -
SKI	GHS - New Zealand		Skin irritation ca	tegory 2
SKI	GHS - Australia		H315 - Causes s Category 2]	kin irritation [Skin corrosion/irritation -
SKI	GHS - Japan		H315 - Causes s Category 2]	kin irritation [Skin corrosion / irritation -
SKI	GHS - New Zealand		Skin sensitisatio	n category 1

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Library         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       ID: 9046-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	SOme Solvents         SUBSTANCE NOTES: Ranges are used to protect product exact recipe.         PRO GROUT XTREME - PART B       %: 17.0000 - 25.0000         (HARDERNER)       %: 17.0000 - 25.0000         PRODUCT THRESHOLD: 1000 ppm       RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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 cover mixing ratios and to protect product exact recipe.         UNDISCLOSED       ID: Undisclose         HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       Mult*       Mult       German FEA - substances Hazardous to       Mult*         MUL       German FEA - Substances Hazardous to       Mult*       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.       ID: 9046-102         POLY[OXY[METHYL_1,2-ETHANEDYL]], c-{2- MINOMETHYLETHYL], -o-{2-AMINOMETHYLETHOXy}-       ID: 9046-102	ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
PRO GROUT XTREME - PART B       %: 17.0000 - 25.0000         HARDERNER)       RESIDUALS AND IMPURITIES EVALUATION COMPLETED:       MATERIAL TYPE: Polymeric         Yes       Material       Material         RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.       Difference         DATAERIAL NOTES: Ranges are used to cover mixing ratios and to protect product exact recipe.       ID: Unlisele         UNDISCLOSED       ID: Unlisele         HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE:       2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       Mult*         Waters       EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Library       No listings found on Additional Hazard Library         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.       ID: 9046-         POLY[OXY[METHYL=1,2,=ETHANEDINL]], a-{2- AMINOMETHYLETHYLETHOXY]-       ID: 9046-	PRO GROUT XTREME - PART B       %: 17.0000 - 25.0000         HARDEENNER)       RESIDUALS AND IMPURITIES EVALUATION COMPLETED: MATERIAL TYPE: Polymeric Material         Yes       Material         RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.         DTHER MATERIAL NOTES: Ranges are used to cover mixing ratios and to protect product exact recipe.         UNDISCLOSED       ID: Undisclose         HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       Mult*       Waters       EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.       E0: 9046-10         POLY[OXY[METHYL-1,2-ETHANEDIYLD], o-(2- AMINOMETHYLETHYL_1,2-ETHANEDIYLD], o-(2- AMINOMETHYLETHYL_1,Q-2-AMINOMETHYLETHOXY)-       E0: 9046-10	RESTRICTED LIST	Green Science Policy Institute (GSPI)	
HARDERNER)         RODUCT THRESHOLD: 1000 ppm       RESIDUALS AND IMPURITIES EVALUATION COMPLETED: MATERIAL TYPE: Polymeric Material         LESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.         INTHER MATERIAL NOTES: Ranges are used to cover mixing ratios and to protect product exact recipe.         UNDISCLOSED       ID: Undisclosed         HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       MUL       German FEA - Substances Hazardous to       Mult*         MUL       German FEA - Substances Hazardous to       Mult*       Waters       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION       No listings found on Additional Hazard Library         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.       ID: 9046-MINOMETHYLETHYL)o-(2-AMINOMETHYLETHOXY)-       ID: 9046-MINOMETHYLETHYL)oo/(2-AMINOMETHYLETHOXY)-	HARDERNER)         RODUCT THRESHOLD: 1000 ppm       RESIDUALS AND IMPURITIES EVALUATION COMPLETED: MATERIAL TYPE: Polymeric Yes         Material         HESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.         ITHER MATERIAL NOTES: Ranges are used to cover mixing ratios and to protect product exact recipe.         UNDISCLOSED       ID: Undisclose         HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANC: No         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDYL]), e-{2- AMINOMETHYLETHYL, i-e-{2-AMINOMETHYLETHOXY}-       ID: 9046-10	SUBSTANCE NOTES: Range	s are used to protect product exact recipe.	
Yes     Material       RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.       UTHER MATERIAL NOTES: Ranges are used to cover mixing ratios and to protect product exact recipe.       UNDISCLOSED     ID: Undisclosed       HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library     HAZARD SCREENING DATE: 2023-02-01 12:05:16       %: 30.0000 - 60.0000     GreenScreen: BM-1     RC: None     NANO: No       HAZARD TYPE     LIST NAME AND SOURCE     WARNINGS       MUL     German FEA - Substances Hazardous to Waters     Mult*       ADDITIONAL LISTINGS     LIST NAME AND SOURCE     NOTIFICATION       None found     No listings found on Additional Hazard Library     No listings found on Additional Hazard Library       POLY[OXY(METHYL-1,2-ETHANEDIYL]), a-(2- MINOMETHYLETHYL) - a-(2-AMINOMETHYLETHOXY)-     ID: 9046-7	Yes     Material       RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities at or above the declaration threshold.       UTHER MATERIAL NOTES: Ranges are used to cover mixing ratios and to protect product exact recipe.       UNDISCLOSED       IMAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD TYPE     LIST NAME AND SOURCE       MUL     German FEA - Substances Hazardous to       MUL     German FEA - Substances Hazardous to       Waters       EC - CEPA DSL       Persistence       ADDITIONAL LISTINGS     LIST NAME AND SOURCE       None found     No listings found on Additional Hazard List       SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.       POLY[OXY(METHYL-1,2-ETHANEDIYL)], c-(2- MINIOMETHYLETHYL) - o-(2-AMINOMETHYLETHOXY)-		8 %: 17.0000 - 25.0000	
UNDISCLOSED ID: Undisclosed   HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE:   2023-02-01 12:05:16 %: 30.0000 - 60.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Activator   HAZARD TYPE LIST NAME AND SOURCE WARNINGS Mult*   MUL German FEA - Substances Hazardous to Mult*   Vaters Persistence   ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION   None found No listings found on Additional Hazard Li   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 12:05:16         %:       30.0000 - 60.0000       GreenScreen:       BM-1       RC: None       NANO: No       SUBSTANCE ROLE:       Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       Mult*       German FEA - Substances Hazardous to       Mult*       Mult* <td>PRODUCT THRESHOLD: 1000 p</td> <td>-</td> <td>-</td>	PRODUCT THRESHOLD: 1000 p	-	-
UNDISCLOSED       ID: Undisclosed         HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Li         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY[(METHYL-1,2-ETHANEDIYL]), q-{2- AMINOMETHYLETHOXY]-       ID: 9046-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	UNDSCLOSED       ID: Undisclosed         HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       Mult*       ID: Undisclosed         MUL       German FEA - Substances Hazardous to Waters       Mult*       ID: Undisclosed       ID: Undisclosed         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION       ID: Undisclosed as it is proprietary.         None found       No listings found on Additional Hazard List       SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.       ID: 9046-10         POLY[OXY[METHYL-1,2-ETHANEDIYL]], c-(2- AMINOMETHYLETHOXY)-       ID: 9046-10       ID: 9046-10         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	ESIDUALS AND IMPURITIES N	OTES: There are no residuals or impurities a	at or above the declaration threshold.
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Library         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       ID: 9046-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	HAZARD DATA SOURCE:       Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE:       2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen:       BM-1       RC: None       NANO: No       SUBSTANCE ROLE:       Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       Mult*       Mult*       Mult*       EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe.       Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       ID: 9046-10         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2023-04-03 7:38:28	OTHER MATERIAL NOTES: Ran	ges are used to cover mixing ratios and to p	protect product exact recipe.
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE: 2023-02-01 12:05:16         %: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Library         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       ID: 9046-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	HAZARD DATA SOURCE:       Toxnot Chemical Hazard Screening Library       HAZARD SCREENING DATE:       2023-02-01 12:05:16         %:       30.0000 - 60.0000       GreenScreen:       BM-1       RC: None       NANO: No       SUBSTANCE ROLE:       Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS       Mult*       Mult*       Mult*       EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe.       Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-{2- AMINOMETHYLETHYL)- ω-{2-AMINOMETHYLETHOXY}-       ID: 9046-10         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2023-04-03 7:38:28			D. Undiaslassa
%: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANO: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Lis         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHOXY)-       ID: 9046-7         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	%: 30.0000 - 60.0000       GreenScreen: BM-1       RC: None       NANC: No       SUBSTANCE ROLE: Activator         HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.       D: 9046-10         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHOXY)-       HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28			
HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Li         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], q-(2- AMINOMETHYLETHYL) - \u03c4-(2-AMINOMETHYLETHOXY)-       ID: 9046         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	HAZARD TYPE       LIST NAME AND SOURCE       WARNINGS         MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY (METHYL-1,2-ETHANEDIYL,]), q-(2- AMINOMETHYLETHOXY)-       ID: 9046-10         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28			
MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Listings         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       ID: 9046-4         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	MUL       German FEA - Substances Hazardous to Waters       Mult*         EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY[(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       ID: 9046-10         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28			RC: NORE NANO: NO SUBSTANCE ROLE: ACTIVATOR
Waters       EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Li         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], o-(2- AMINOMETHYLETHYL) - w-(2-AMINOMETHYLETHOXY)-       ID: 9046- ID: 9046- ID: 9046-	Waters       EC - CEPA DSL       Persistence         ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY[(METHYL-1,2-ETHANEDIYL]), q-(2- AMINOMETHYLETHOXY)-       ID: 9046-10         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard Li         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL]), c-(2- AMINOMETHYLETHYL) - w-(2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library	ADDITIONAL LISTINGS       LIST NAME AND SOURCE       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], a-(2- AMINOMETHYLETHYL) - w-(2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	MUL		s to Mult*
None found       No listings found on Additional Hazard Li         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	None found       No listings found on Additional Hazard List         SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω- (2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28		EC - CEPA DSL	Persistence
SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library	SUBSTANCE NOTES: Ranges are used to protect product exact recipe. Furthermore, this substance is undisclosed as it is proprietary.         POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2- AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE: Pharos Chemical and Materials Library	ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2-       ID: 9046         AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       HAZARD DATA SOURCE: Pharos Chemical and Materials Library	POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2-       ID: 9046-10         AMINOMETHYLETHYL) - ω-(2-AMINOMETHYLETHOXY)-       ID: 9046-10         HAZARD DATA SOURCE: Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2023-04-03 7:38:28	None found		No listings found on Additional Hazard Lists
AMINOMETHYLETHYL) -ω-(2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library	AMINOMETHYLETHYL) -ω-(2-AMINOMETHYLETHOXY)-         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library	SUBSTANCE NOTES: Range	s are used to protect product exact recipe. I	Furthermore, this substance is undisclosed as it is proprietary.
				ID: 9046-10-0
	%: 7.0000 - 13.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Curing agent	HAZARD DATA SOURCE: Pha	aros Chemical and Materials Library HAZ	ZARD SCREENING DATE: 2023-04-03 7:38:28
%: 7.0000 - 13.0000 Greenscreen: LI-UNK RC: None NANC: No SUBSTANCE ROLE: Curing agent		%: 7.0000 - 13.0000	GreenScreen: LT-UNK RC:	None NANO: No SUBSTANCE ROLE: Curing agent

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	GHS - New Zealand	Acute dermal toxicity category 3
МАМ	GHS - New Zealand	Acute oral toxicity category 3
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.

## **ISOPHORONE DIAMINE**

ID: 2855-13-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	2023-04-03 7:38:30	
%: 7.0000 - 13.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Curing agent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	МАК		Sensitizing Subs	tance Sh - Danger of skin sensitization
MUL	German FEA - Substances Haza Waters	rdous to	Class 2 - Hazard	to Waters
SKI	EU - GHS (H-Statements) Annex	6 Table 3-1		evere skin burns and eye damage [Skin on - Category 1A or 1B or 1C]
EYE	EU - GHS (H-Statements) Annex	ex 6 Table 3-1 H318 - Causes serious eye damage [Seriou damage/eye irritation - Category 1]		
SKI	GHS - New Zealand	GHS - New Zealand		ategory 1C
EYE	GHS - New Zealand	GHS - New Zealand		age category 1
EYE	GHS - Japan	GHS - Japan		erious eye damage [Serious eye itation - Category 1]
SKI	GHS - Japan	GHS - Japan		evere skin burns and eye damage [Skin tion - Category 1]
SKI	GHS - Australia	GHS - Australia		evere skin burns and eye damage [Skin on - Category 1A or 1B or 1C]
AQU	GHS - New Zealand	GHS - New Zealand		e aquatic environment - chronic
SKI	GHS - New Zealand		Skin sensitisation	n category 1

RESTRICTED LIST	Green Science Policy Institute (	GSPI) GSPI - Six Classes of Problematic Chemicals
		Some Solvents
SUBSTANCE NOTES: Rai	nges are used to protect product exact re	cipe.
ENZENEMETHANOL		ID: 100-5
		HAZARD SCREENING DATE: 2023-04-03 7:38:29
6: <b>7.0000 - 13.0000</b>	GreenScreen: BM-2	RC: None NANO: No SUBSTANCE ROLE: Solvent
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
МАМ	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: vapo - Category 3]
SKI	GHS - New Zealand	Skin sensitisation category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	vation C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	vation C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
RESTRICTED LIST	Green Science Policy Institute (	GSPI) GSPI - Six Classes of Problematic Chemicals
		Some Solvents
RESTRICTED LIST	Green Science Policy Institute (	GSPI) GSPI - Six Classes of Problematic Chemicals
		Antimicrobials

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: T	oxnot Chemical Hazard Screening Library	HAZARD SCR	EENING DATE:	2023-02-01 12:05:24
%: 3.0000 - 7.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Mult*
EYE	New Zealand - GHS	Eye Irritation/Corrosivity
MUL	EC - CEPA DSL	Mult*
AQU	New Zealand - GHS	Acute Aquatic Toxicity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	Australia - GHS	Mult*
EYE	Australia - GHS	Eye Irritation/Corrosivity
MAM	Australia - GHS	Acute Mammalian Toxicity
AQU	New Zealand - GHS	Chronic Aquatic Toxicity
	EC - CEPA DSL	Bioaccumulation
SKI	Australia - GHS	Skin Irritation/Corrosivity
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH (CHLOROMETHYL)OXIRANE				ID: 25068-38-6	
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCF	REENING DATE:	2023-04-03 7:38:30	
%: 3.0000 - 7.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pol	ymer species

.

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2022
		Red List substances to avoid in Living Building Challenge V4.0 projects
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Core Restrictions
SUBSTANCE NOTES: Ranges ar	re used to protect product exact recipe.	
		ID: <b>140-31</b>
-PIPERAZINEETHANAMINE		
	s Chemical and Materials Library HAZARD S	CREENING DATE: 2023-04-03 7:38:30

	LIST NAME AND SOURCE		WARNINGS		
MUL       German FEA - Substances Hazardou         Waters       Waters         SKI       EU - GHS (H-Statements) Annex 6 Ta         SKI       GHS - New Zealand         EYE       GHS - New Zealand		ardous to	Class 2 - Hazard to Waters		
		x 6 Table 3-1		evere skin burns and eye on - Category 1A or 1B o	
			Skin corrosion c	ategory 1C	
			Serious eye dan	nage category 1	
EYE	GHS - Japan			erious eye damage [Seri itation - Category 1]	ous eye
SKI	GHS - Japan			evere skin burns and eye tion - Category 1]	e damage [Skin
SKI	GHS - Australia			evere skin burns and eye on - Category 1A or 1B o	
AQU	GHS - New Zealand		Hazardous to the category 3	e aquatic environment - (	chronic
SKI	GHS - New Zealand		Skin sensitisatio	n category 1	
MAM GHS - Japan			H311 - Toxic in ( (dermal) - Categ	contact with skin [Acute ory 3]	Toxicity
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	listings found on Additio	nal Hazard Lists
1,2-ETHANEDIAMINE, N-(2		ecipe.			ID: 112-57-2
1,2-ETHANEDIAMINE, N-(2 AMINOETHYL)AMINO]ETH	2-AMINOETHYL)-N'-[2-[( 2- YL]-		REENING DATE:	2023-04-03 7:38:29	ID: 112-57-2
1,2-ETHANEDIAMINE, N-(2 AMINOETHYL)AMINO]ETH	-AMINOETHYL)-N'-[2-[( 2-		CREENING DATE: NANO: <b>No</b>	2023-04-03 7:38:29 SUBSTANCE ROLE: 0	
1,2-ETHANEDIAMINE, N-(2 AMINOETHYL)AMINO]ETH HAZARD DATA SOURCE:	P-AMINOETHYL)-N'-[2-[( 2- YL]- Pharos Chemical and Materials Library	HAZARD SO			
1,2-ETHANEDIAMINE, N-(2 AMINOETHYL)AMINO]ETH HAZARD DATA SOURCE:	P-AMINOETHYL)-N'-[2-[( 2- YL]- Pharos Chemical and Materials Library	HAZARD SO			
<b>1,2-ETHANEDIAMINE, N-(2</b> <b>AMINOETHYL)AMINO]ETH</b> HAZARD DATA SOURCE:	P-AMINOETHYL)-N'-[2-[( 2- YL]- Pharos Chemical and Materials Library	HAZARD SO			
<b>1,2-ETHANEDIAMINE, N-(2</b> <b>AMINOETHYL)AMINO]ETH</b> HAZARD DATA SOURCE:	P-AMINOETHYL)-N'-[2-[( 2- YL]- Pharos Chemical and Materials Library	HAZARD SO			
<b>1,2-ETHANEDIAMINE, N-(2</b> <b>AMINOETHYL)AMINO]ETH</b> HAZARD DATA SOURCE:	P-AMINOETHYL)-N'-[2-[( 2- YL]- Pharos Chemical and Materials Library	HAZARD SO			

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-	1 H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-	<ul> <li>H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]</li> </ul>
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	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
MAM	GHS - Japan	H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]
MAM	GHS - New Zealand	Acute dermal toxicity category 3
МАМ	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents
SUBSTANCE NOTES: Range	s are used to protect product exact recipe.	
TRIETHYLENETETRAMINE		ID: <b>112-24-</b> 3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-04-03 7:38:28

%: 1.0000 - 3.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Curing agent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	МАК		Sensitizing Subs	tance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazar Waters	dous to	Class 2 - Hazard	to Waters
SKI	EU - GHS (H-Statements) Annex	6 Table 3-1		evere skin burns and eye damage [Skin on - Category 1A or 1B or 1C]
МАМ	GHS - New Zealand		Specific target o category 1	rgan toxicity - repeated exposure
SKI	GHS - New Zealand		Skin corrosion ca	ategory 1C
EYE	GHS - New Zealand		Serious eye dam	age category 1
EYE	GHS - Japan			erious eye damage [Serious eye tation - Category 1]
SKI	GHS - Japan			evere skin burns and eye damage [Skin ion - Category 1]
SKI	GHS - Australia			evere skin burns and eye damage [Skin on - Category 1A or 1B or 1C]
SKI	GHS - New Zealand		Skin sensitisation	n category 1
AQU	GHS - New Zealand		Hazardous to the category 2	e aquatic environment - chronic
REP	GHS - New Zealand		Reproductive to	kicity category 2
MAM	GHS - Japan		H311 - Toxic in c (dermal) - Catego	contact with skin [Acute Toxicity pry 3]
МАМ	GHS - New Zealand		Acute dermal tox	cicity category 3
МАМ	GHS - Australia		H330 - Fatal if in Category 1 or 2]	haled [Acute toxicity (inhalation) -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No I	istings found on Additional Hazard Lists

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

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 APPLICABLE FACILITIES: All. CERTIFICATE URL: https://sustainabilitydirectory.intertek.com/images/certificates/a6bf133f- b8a8-44d4-a270-7c79811f82af/CA-88912-2022d.pdf	ISSUE DATE: 2022-07-06 EXPIRY DATE: 2023-07-05	CERTIFIER OR LAB: Intertek Testing Services NA, Inc.	
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: CA-889 mg/m3.	12-2022d. Total VOCs after 14 days (336	hours): Between 0.5 and 5.0	
VOC EMISSIONS	CDPH Standard Method V1.2 (Section scenario	n 01350/CHPS) - Residential	
VOC EMISSIONS CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All. CERTIFICATE URL: https://sustainabilitydirectory.intertek.com/images/certificates/a6bf133f- b8a8-44d4-a270-7c79811f82af/CA-88912-2022d.pdf	scenario ISSUE DATE: 2022-07-06 EXPIRY DATE: 2023-07-05	CERTIFIER OR LAB: Intertek Testing Services NA, Inc.	

VOC CONTENT	EPA Method 24 - Volatile Matter Cor	EPA Method 24 - Volatile Matter Content (EPA 24)		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2023-04-03	CERTIFIER OR LAB: n/a		
APPLICABLE FACILITIES: All. CERTIFICATE URL:	EXPIRY DATE:			

CERTIFICATION AND COMPLIANCE NOTES: Product VOC content was self-calculated. The VOC content is 0-5 g/L for part A, 0-5 g/L for part B and 0 g/L for part C.

# **General 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 GROUT™ EASE

MANUFACTURER (OR GENERIC): PROMA Adhesives Inc.

### HPD URL: no hpd available

ACCESSORY TYPE: Cleaning Product

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: PRO GROUT<sup>™</sup> EASE is a fast-drying, water-soluble protector for tile and stone designed to prevent grout residues of all types from sticking to the surface of tiles and stones in order to aid residue cleanup after grout application.

# Section 5: General Notes

### 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.