

HPD UNIQUE IDENTIFIER: 32197

CLASSIFICATION: 03 54 16 Hydraulic Cement Underlayment

PRODUCT DESCRIPTION: PRO FLOWLEVEL™ 40 Light is a high-strength, lightweight, high-performance, quick-setting, low-prep, single component, polymer-modified, Portland cement/Gypsum-based self-leveling and self-finishing underlayment. PRO FLOWLEVEL 40 LIGHT is 30% lighter than the original PRO FLOWLEVEL™ 40 formula. PRO FLOWLEVEL™ 40 LIGHT is formulated with PROMA's exclusive Stabilized Technology™, which minimizes movement and shrinkage during curing for superior results. The product also greatly reduces the need for shotblasting and profiling saving valuable time and money.

**Section 1: Summary** **Nested Method / Product Threshold**

**CONTENT INVENTORY**

<p><b>Inventory Reporting Format</b></p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold Level</b></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><b>Residuals/Impurities Evaluation</b></p> <p>Completed in 8 of 8 Materials</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></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><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p><b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p><b>Identified</b> <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**

**BINDER [ PLASTER OF PARIS NoGS PORTLAND CEMENT LT-P1 | CAN | END | MAM CALCIUM CARBONATE BM-3dg QUARTZ BM-1 | CAN | MAM | GEN ] FILLER [ UNDISCLOSED LT-UNK ] POLYMER [ UNDISCLOSED LT-UNK | MUL | UNDISCLOSED LT-UNK | UNDISCLOSED LT-UNK | MUL ] ADDITIVE C [ UNDISCLOSED LT-UNK | MUL ] ADDITIVE B [ UNDISCLOSED BM-1 | CAN | MAM | MUL | EYE | DEV ] ACCELERATOR [ UNDISCLOSED LT-UNK | MUL ] ADDITIVE D [ UNDISCLOSED NoGS ] ADDITIVE A [ UNDISCLOSED LT-UNK ]**

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

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

Nanomaterial ... No

**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 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.

<p>Third Party Verified?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p>	<p>PREPARER: Vertima</p> <p>VERIFIER:</p> <p>VERIFICATION #:</p>	<p>SCREENING DATE: 2023-04-06</p> <p>PUBLISHED DATE: 2023-04-06</p> <p>EXPIRY DATE: 2026-04-06</p>
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## 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](http://www.hpd-collaborative.org/hpd-2-3-standard)

### BINDER %: 70.0000 - 90.0000

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

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

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

### PLASTER OF PARIS

ID: 26499-65-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-04-06 11:44:54

%: 55.0000 - 85.0000 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE 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 11:44:55

%: 10.0000 - 40.0000 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
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MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
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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.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-04-06 11:44:56**

%: **0.0000 - 15.0000** GreenScreen: **BM-3dg** 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.

QUARTZ

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-04-06 11:44:56**

%: **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: This impurity is naturally occurring.		

FILLER	%: 10.0000 - 20.0000
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Glass
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: 2023-02-15 7:21:05
%: 100.0000 - 100.0000	GreenScreen: LT-UNK RC: PostC NANO: No SUBSTANCE ROLE: Filler
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: This substance is undisclosed as it is proprietary. Post Recycled Content comes from curbside recycling. The quality of the material is analysed.	

POLYMER	%: 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: 2023-02-15 7:21:08
%: 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: <b>Toxnot Chemical Hazard Screening Library</b>	HAZARD SCREENING DATE: <b>2023-02-15 7:21:09</b>			
%: <b>10.0000 - 30.0000</b>	GreenScreen: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Filler</b>

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: <b>Toxnot Chemical Hazard Screening Library</b>	HAZARD SCREENING DATE: <b>2023-02-15 7:21:10</b>			
%: <b>1.0000 - 10.0000</b>	GreenScreen: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Stabilizer</b>

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.

**ADDITIVE C**

%: **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. A generic material name is used for proprietary reasons.

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-15 7:21:12**

%: **94.0000 - 94.0000** 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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	EC - CEPA DSL	Persistence
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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: This substance is undisclosed as it is proprietary.

**ADDITIVE B**

%: **0.1000 - 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. A generic material name is used for proprietary reasons.

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-15 7:21:15**

%: **50.0000 - 50.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Defoamer**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	Australia - GHS	Carcinogenicity
CAN	IARC	Carcinogenicity
CAN	Japan - GHS	Carcinogenicity
	EC - CEPA DSL	Persistence
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MAM	Japan - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	Australia - GHS	Mult*
EYE	Japan - GHS	Eye Irritation/Corrosivity
DEV	MAK	Developmental Toxicity
MAM	Japan - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

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

**ACCELERATOR**

%: **0.1000 - 0.5000**

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

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

OTHER MATERIAL NOTES: Ranges are used to protect product exact recipe. A generic material name is used for proprietary reasons.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-15 7:21:17**

%: **100.0000 - 100.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Reagent**

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 Lists

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

**ADDITIVE D**

%: **0.1000 - 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. A generic material name is used for proprietary reasons.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-15 7:21:20**

%: **88.5000 - 88.5000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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: This substance is undisclosed as it is proprietary.

**ADDITIVE A**

%: **0.0000 - 0.1000**

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. A generic material name is used for proprietary reasons. All substances in this material are below the reportable threshold.



HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2023-02-15 7:21:22**

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

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: This substance is undisclosed as it is proprietary.

## 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

APPLICABLE FACILITIES: All.

CERTIFICATE URL:

<https://sustainabilitydirectory.intertek.com/images/certificates/7d5e9e6f304149fc9d1226aa4597c02c/CA-88912-2022b.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-88912-2022b. Total VOCs after 14 days (336 hours): 0.5 mg/m<sup>3</sup> or less.

### VOC EMISSIONS

**CDPH Standard Method V1.2  
(Section 01350/CHPS) - Residential  
scenario**

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All.

CERTIFICATE URL:

<https://sustainabilitydirectory.intertek.com/images/certificates/7d5e9e6f304149fc9d1226aa4597c02c/CA-88912-2022b.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-88912-2022b. Total VOCs after 14 days (336 hours): 0.5 mg/m<sup>3</sup> 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](https://hpdrepository.hpd-collaborative.org/repository/HPDs/1122_PRO_SUPERPRIME_.pdf)

ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Shot-blasting or profiling is not required for most concrete flooring when using PRO FLOWLEVEL 40. When in doubt, PRO SUPERPRIME™ or PRO SUPERPRIME 1C™ can be used to ready nearly any surface for PROMA leveling underlayments.

### PRO SUPERPRIME 1C™

MANUFACTURER (OR GENERIC): **PROMA Adhesives Inc.**

HPD URL: [https://hpdrepository.hpd-collaborative.org/repository/HPDs/1122\\_PRO\\_SUPERPRIME\\_1C.pdf](https://hpdrepository.hpd-collaborative.org/repository/HPDs/1122_PRO_SUPERPRIME_1C.pdf)

ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Shot-blasting or profiling is not required for most concrete flooring when using PRO FLOWLEVEL 40. When in doubt, PRO SUPERPRIME™ or PRO SUPERPRIME 1C™ can be used to ready nearly any surface for PROMA leveling underlayments.

## Section 5: General Notes

PRO FLOWLEVEL™ 40 LIGHT does not contain any VOCs. The product comes in powder form. It is mixed to water on site prior to usage.

**MANUFACTURER INFORMATION**

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

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

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://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.*