

CLASSIFICATION: 09 29 00

**PRODUCT DESCRIPTION:** Joint compound, as defined by ASTM C474 and C475, is used along with joint tape to join sheets of drywall by creating a seamless finish. Joint compound is comprised of a blend of minerals. This HPD covers the Base coat joint compound line from Panel Rey S.A. These products are manufactured in the Panel Rey facilities located in Mexicali, Mexico; Monterrey, Mexico; and Mexico City, Mexico. Panel Rey's Base Max is a specialized product made up by an intelligent mixture of grey or white Portland cement, polymer resins, waterproof material and other additives. It's used as a first coating to fix reinforcing fiberglass mesh to outer gypsum board panels, or as the cement base in DEFS (Direct Applied exterior finish System). It is also designed to attach semi rigid insulation plates and host reinforcing mesh for outdoors in EIFS (Exterior Insulation Finishing System). Technical specifications: Penetration of water- low; absorption of water <= 15%; transmission of vapor and permeability- optimal; drying time 4 - 8 hours; finishing- fine; and color- white.

## Section 1: Summary

## Nested Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold Disclosed Per

- Material  
 Product

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

Residuals/Impurities  
Considered in 12 of 12 Materials

Explanation(s) provided  
for Residuals/Impurities?

- Yes  No

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No

*% weight and role provided for all substances.*

**Screened**  Yes Ex/SC  Yes  No

*One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.*

**Identified**  Yes Ex/SC  Yes  No

*One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.*

### 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.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

UNDISCLOSED [ UNDISCLOSED LT-UNK ] SILICA SAND [ AMORPHOUS SILICA LT-P1 | CAN ] WHITE OR GRAY CEMENT [ MAGNESIUM OXIDE (PRIMARY CASRN IS 1309-48-4) LT-UNK | CAN ALUMINUM OXIDE BM-2 | RES FERRIC OXIDE BM-2 | CAN SODIUM OXIDE LT-UNK PHOSPHORUS PENTOXIDE LT-P1 | SKI SULFUR TRIOXIDE LT-P1 | MAM ] UNDISCLOSED [ UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | CAN UNDISCLOSED LT-UNK ] UNDISCLOSED [ UNDISCLOSED NoGS ] UNDISCLOSED [ UNDISCLOSED LT-UNK ] UNDISCLOSED [ UNDISCLOSED LT-UNK ] UNDISCLOSED [ UNDISCLOSED LT-P1 | EYE ] UNDISCLOSED [ UNDISCLOSED LT-UNK ] UNDISCLOSED [ UNDISCLOSED LT-UNK ] UNDISCLOSED [ UNDISCLOSED Not Screened ] UNDISCLOSED [ UNDISCLOSED LT-1 | PHY | GEN | CAN | MUL | DEL ]

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

Contents highest concern GreenScreen  
Benchmark or List translator Score ... LT-1  
Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished the product, along with the role and percent weight. Therefore, this HPD is consistent with the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): Not Calculated Regulatory (g/l): Not Applicable

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: N/A

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: VOC Emissions

VOC content: VOC Content

Other: Type III Environmental Product Declaration

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-02-22

PUBLISHED DATE: 2019-02-22

EXPIRY DATE: 2022-02-22



## 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 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### UNDISCLOSED

#: 45.0000 - 65.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES: Impurities are typically trace metals and naturally occurring minerals.

### UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-22

#: 45.0000 - 65.0000

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Impurities are typically trace metals and naturally occurring minerals.

### SILICA SAND

#: 40.0000 - 60.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**AMORPHOUS SILICA**

ID: 7631-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-22**%: **40.0000 - 60.0000**GS: **LT-P1**RC: **UNK**NANO: **No**ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CANCER**

Japan - GHS

Carcinogenicity - Category 1A

**CANCER**

Australia - GHS

H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**WHITE OR GRAY CEMENT**%: **15.0000 - 50.0000**PRODUCT THRESHOLD: **100 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**MAGNESIUM OXIDE (PRIMARY CASRN IS 1309-48-4)**

ID: 1193320-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-22**%: **0.1500 - 0.5000**GS: **LT-UNK**RC: **UNK**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CANCER**

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**ALUMINUM OXIDE**

ID: 1344-28-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-22**%: **0.1500 - 0.5000**GS: **BM-2**RC: **UNK**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**RESPIRATORY**

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**FERRIC OXIDE**

ID: 1309-37-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-22**

%: **0.1500 - 0.5000**

GS: **BM-2**

RC: **UNK**

NANO: **No**

ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CANCER**

**MAK**

**Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**

SUBSTANCE NOTES: **Residuals and impurities were screened using the toxnet database.**

**SODIUM OXIDE**

ID: **1313-59-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

%: **Impurity/Residual**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**No hazards found**

SUBSTANCE NOTES: **Residuals and impurities were screened using the toxnet database.**

**PHOSPHORUS PENTOXIDE**

ID: **1314-56-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

%: **Impurity/Residual**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**SKIN IRRITATION**

**EU - GHS (H-Statements)**

**H314 - Causes severe skin burns and eye damage**

SUBSTANCE NOTES: **Residuals and impurities were screened using the toxnet database.**

**SULFUR TRIOXIDE**

ID: **7446-11-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

%: **Impurity/Residual**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**MAMMALIAN**

**US EPA - EPCRA Extremely Hazardous Substances**

**Extremely Hazardous Substances**

SUBSTANCE NOTES: **Residuals and impurities were screened using the toxnet database.**

**UNDISCLOSED**

%: **1.0000 - 20.0000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **1.0000 - 20.0000**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **Impurity/Residual**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

Japan - GHS

Carcinogenicity - Category 1A

CANCER

Australia - GHS

H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **Impurity/Residual**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

#: **1.0000 - 1.0000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **1.0000 - 1.0000**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Thickener**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

#: **0.5000 - 10.0000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **0.5000 - 10.0000**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

#: **0.5000 - 5.0000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **0.5000 - 5.0000**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

#: **0.1000 - 1.5000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **0.1000 - 1.5000**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Accelerator**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**EYE IRRITATION**

**EU - GHS (H-Statements)**

**H319 - Causes serious eye irritation**

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

#: **0.0500 - 0.7500**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:



**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

?: **0.0500 - 0.7500**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **None**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

?: **0.0500 - 0.7500**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

?: **0.0500 - 0.7500**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Thickener**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

**UNDISCLOSED**

?: **0.0500 - 0.5000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the toxnet database.

OTHER MATERIAL NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **0.0500 - 0.5000**

GS: **Not Screened**

RC: **UNK**

NANO: **No**

ROLE: **Binder/Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: **Residuals and impurities were screened using the toxnet database.**

**UNDISCLOSED**

#: **0.0000 - 0.5000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities were screened using the toxnet database.**

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-22**

#: **0.0000 - 0.5000**

GS: **LT-1**

RC: **UNK**

NANO: **No**

ROLE: **Defoamer**

| HAZARD TYPE                | AGENCY AND LIST TITLES     | WARNINGS   |
|----------------------------|----------------------------|--|
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements)    | H220 - Extremely flammable gas   |
| GENE MUTATION              | EU - GHS (H-Statements)    | H340 - May cause genetic defects   |
| CANCER                     | EU - GHS (H-Statements)    | H350 - May cause cancer  |
| CANCER                     | EU - REACH Annex XVII CMRs | Carcinogen Category 1 - Substances known to be Carcinogenic to man                             |
| CANCER                     | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| GENE MUTATION              | EU - REACH Annex XVII CMRs | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man       |
| MULTIPLE                   | ChemSec - SIN List         | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| CANCER                     | EU - Annex VI CMRs         | Carcinogen Category 1A - Known human Carcinogen based on human evidence                        |
| GENE MUTATION              | EU - Annex VI CMRs         | Mutagen - Category 1B  |
| GENE MUTATION              | Australia - GHS            | H340 - May cause genetic defects   |
| CANCER                     | Australia - GHS            | H350 - May cause cancer  |
| DEVELOPMENTAL              | Australia - GHS            | H360Df - May damage the unborn child. Suspected of damaging fertility                          |

SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database.

## 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

### VOC Emissions

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **Panel Rey**

APPLICABLE FACILITIES: **VOC Emissions is not facility specific.**

**02-22**

**S.A.**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **This test has not been performed for this product.**

### VOC CONTENT

### VOC Content

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **Panel Rey**

APPLICABLE FACILITIES: **VOC content is not facility specific.**

**02-22**

**S.A.**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **This has not been calculated. It is not subject to regulation.**

### OTHER

### Type III Environmental Product Declaration

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE: **2022-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All Panel Rey facilities**

**11-08**

**11-08**

**Environment**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **This is a sector EPD for Drywall Finishing Joint Compound. It was performed on behalf of the Drywall finishing council and Panel Rey S.A. is a participating member. The content of the declaration included: Product definition and information about building physics, information about basic material and the material's origin, description of the product's manufacturing, , indication of product processing, information about the in-use conditions, life cycle assessment results, and testing results and verifications. This declaration refers to the functional unit as prescribed by the PCR. The functional unit is defined as "100 m2 of covered substrate considering an installation scenario as defined by a GA-214 Level 4 finish with the quantity adjusted for the measured shrinkage (testing per ASTM C474) for a service life of 75 years."**

## 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.*

No accessories are required for this product.

## Section 5: General Notes

Residuals and impurities were screened using the toxnet database at: <https://toxnet.nlm.nih.gov/> .

**MANUFACTURER INFORMATION**

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MANUFACTURER: **Panel Rey S.A.**  
ADDRESS: **Serafin Peña 938 Sur**  
**Nuevo Leon Monterrey 64000, Mexico**  
WEBSITE: **www.panelrey.com**

CONTACT NAME: **Karla Daniela Macias Lujan**  
TITLE: **Product Technology Specialist**  
PHONE: **018183053800**  
EMAIL: **kmacias@gpromax.com**

**KEY**

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**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet  
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Hazard Types**

|                                       |  |  |
|---------------------------------------|--|--|
| <b>AQU</b> Aquatic toxicity           | <b>GLO</b> Global warming                    | <b>PHY</b> Physical Hazard (reactive)                |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity | <b>REP</b> Reproductive toxicity                     |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple hazards                  | <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>OZO</b> Ozone depletion                   | <b>LAN</b> Land Toxicity                             |
| <b>GEN</b> Gene mutation              | <b>PBT</b> Persistent Bioaccumulative Toxic  | <b>NF</b> Not found on Priority Hazard Lists         |

**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 (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1  
**LT-1** List Translator Likely Benchmark 1  
**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)  
**NoGS** Unknown (no data on List Translator Lists)

**Recycled Types**

**PreC** Preconsumer (Post-Industrial)  
**PostC** Postconsumer  
**Both** Both Preconsumer and Postconsumer  
**Unk** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms****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.*