# Panel Rey Regular Rey 3/8", 5/8" by Panel Rev S.A.

## **Health Product** Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 29 00

PRODUCT DESCRIPTION: Panel Rey's Regular drywall is a product with a fireproof core essentially made of gypsum. The drywall is covered on both sides with 100% recycled paper. The paper, on the front, covers the beveled edges to strengthen and protect the core. The ends are square cut and finished smooth. Panel Rey Fire Resistant Drywall is offered in a wide variety of standard lengths and thickness. Panel Rey products do not contain asbestos. Regular drywall is designed to be used exclusively in interiors. Avoid exposure to temperatures higher than 125° F/52° C, for example, close to burners, furnaces or heaters. Also, avoid exposure to excessive or continuous moisture, before, during, and after its installation, for example, close to pools, saunas or steam rooms. Eliminate moisture sources immediately. Drywall is not a structural element and must not be used as the basis of a nailing base. The gap in the ceiling frames must not exceed the recommendations specified in the ASTM C-840 standard.



# Section 1: Summary

### **Nested Method / Product Threshold**

| CONT        | <br> | <br><b>ODV</b>          |
|-------------|------|-------------------------|
| 7 - 7 N N I |      | $^{\prime}$ $^{\prime}$ |
|             |      |                         |

**Inventory Reporting Format** Nested Materials Method

C Basic Method

**Threshold Disclosed Per** 

Material

Product

Threshold level

C 1,000 ppm

Per GHS SDS

C Per OSHA MSDS

C Other

Residuals/Impurities

Residuals/Impurities Considered in 4 of 4 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

All substances screened using Priority Hazard Lists with

results disclosed.

Identified

○ Yes Ex/SC ○ Yes ○ No

All substances disclosed by Name (Specific or Generic) and Identifier.

#### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

**GREENSCREEN SCORE | HAZARD TYPE** 

STUCCO [ CALCIUM SULFATE (DIHYDRATE) LT-UNK QUARTZ LT-1 | CAN ] WALLBOARD PAPER BACKING [ CELLULOSE NoGS WATER BM-4 BENTONITE LT-UNK CORN STARCH LT-UNK SUCCINIC ANHYDRIDE LT-UNK | EYE CRISTOBALITE (SIO2) LT-1 | CAN ] STARCH [ SYRUPS, HYDROLYZED STARCH, POLYMERS WITH ACRYLIC ACID AND MALEIC ANHYDRIDE, SODIUM SALT, HYDROGEN PEROXIDE- AND PEROXYDISULFURIC ACID ([(HO)S(O)2]2O2) SODIUM SALT (1:2)-INITIATED NoGS | DISPERSANT [ WATER BM-4 NAPHTHALENESULFONIC ACID, POLYMER WITH FORMALDEHYDE, SODIUM SALT LT-P1 | PBT SULFURIC ACID DISODIUM SALT LT-UNK SULFUROUS ACID, DISODIUM SALT LT-P1

Number of Greenscreen BM-4/BM3 contents ... 2

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**

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Greenguard

Other: Type III Environmental Product Declaration

#### **CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

Third Party Verified?

C Yes

No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2019-02-08 PUBLISHED DATE: 2019-02-21 EXPIRY DATE: 2022-02-08



# 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

#### **STUCCO** %: 87.5250 - 95.2800

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities screened using the Toxnet database.

OTHER MATERIAL NOTES: This material has a 3% post industrial recycled content.

### **CALCIUM SULFATE (DIHYDRATE)**

ID: 10101-41-4

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREEN | HAZARD SCREENING DATE: 2019-02-08 |                     |  |  |
|--|------------------------|---------------|-----------------------------------|---------------------|--|--|
| %: 87.3000 - 95.0400   | GS: <b>LT-UNK</b>      | RC: UNK       | NANO: <b>No</b>                   | ROLE: Firming Agent |  |  |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS      |                                   |                     |  |  |
|  | No hazards found       |               |                                   |                     |  |  |

SUBSTANCE NOTES: Residuals and Impurities screened using the toxnet database. None noted.

| QUARTZ                         |                                   |                                   |                 | ID: <b>14808-60-7</b> |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------|-----------------------|
| HAZARD SCREENING METHOD: Phare | os Chemical and Materials Library | HAZARD SCREENING DATE: 2019-02-08 |                 | 2-08                  |
| %: <b>0.2250 - 0.2400</b>      | GS: <b>LT-1</b>                   | RC: UNK                           | nano: <b>No</b> | ROLE: <b>Blender</b>  |

| HAZARD TYPE | AGENCY AND LIST TITLES            | WARNINGS  |  |
|-------------|-----------------------------------|---|--|
| CANCER      | IARC                              | Group 1 - Agent is Carcinogenic to humans                                     |  |
| CANCER      | US CDC - Occupational Carcinogens | Occupational Carcinogen   |  |
| CANCER      | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route                      |  |
| CANCER      | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |  |
| CANCER      | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)         |  |
| CANCER      | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man                      |  |
| CANCER      | New Zealand - GHS                 | 6.7A - Known or presumed human carcinogens                                    |  |
| CANCER      | Japan - GHS                       | Carcinogenicity - Category 1A   |  |
| CANCER      | Australia - GHS                   | H350i - May cause cancer by inhalation  |  |

SUBSTANCE NOTES: Residuals and Impurities screened using the toxnet database: , the mineral sources of the quartz crystals employed for the preparation of the ground dust have varied with time; consequently, the associated impurities may also have varied.

### **WALLBOARD PAPER BACKING**

%: 3.9560 - 8.3920

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities screened using the Toxnet database.

OTHER MATERIAL NOTES: The paper is made from 99.08% recycled content

CELLULOSE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-08

| HAZARD SCREENING METHOD: Ph | aros Chemical and Materials Library | HAZARD SCREEN | ING DATE: <b>2019-02-</b> | 08         |
|-----------------------------|-------------------------------------|---------------|---------------------------|------------|
| %: <b>3.7600 - 7.8400</b>   | GS: <b>NoGS</b>                     | RC: UNK       | NANO: <b>No</b>           | ROLE: Base |
| HAZARD TYPE                 | AGENCY AND LIST TITLES              | WARNINGS      |                           |            |
|                             | No hazards found                    |               |                           |            |

SUBSTANCE NOTES:

WATER ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-08

\*\*CO.1600 - 0.4800

GS: BM-4

RC: UNK

NANO: No

ROLE: Hydrator

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

No hazards found

SUBSTANCE NOTES:

BENTONITE ID: 1302-78-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-08

RC: UNK NANO: No ROLE: Powder Suspension Agent

HAZARD TYPE

AGENCY AND LIST TITLES

No hazards found

SUBSTANCE NOTES: Most Bentonites appear relatively pure and other mineral contributions rarely exceed 10%. Cristobalite is often present.

CORN STARCH ID: 9005-25-8

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREEN | ING DATE: <b>2019-02</b> | -08              |
|--|------------------------|---------------|--------------------------|------------------|
| %: 0.0120 - 0.0240   | GS: LT-UNK             | RC: UNK       | nano: <b>No</b>          | ROLE: Thickening |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS      |                          |                  |
|  | No hazards found       |               |                          |                  |

SUBSTANCE NOTES:

SUCCINIC ANHYDRIDE ID: 108-30-5

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                         | HAZARD SCREENING DATE: 2019-02-08    |                 |                         |  |
|--|-------------------------|--------------------------------------|-----------------|-------------------------|--|
| %: 0.0120 - 0.0240   | GS: LT-UNK              | RC: UNK                              | nano: <b>No</b> | ROLE: Dehydrating Agent |  |
| HAZARD TYPE  | AGENCY AND LIST TITLES  | WARNIN                               | GS              |                         |  |
| EYE IRRITATION   | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |                 |                         |  |

SUBSTANCE NOTES:

CRISTOBALITE (SIO2) ID: 14464-46-1

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                 | HAZARD SCREENING DATE: 2019-02-08 |                 |                         |  |
|--|-----------------|-----------------------------------|-----------------|-------------------------|--|
| %: Impurity/Residual   | GS: <b>LT-1</b> | RC: UNK                           | nano: <b>No</b> | ROLE: Impurity/Residual |  |

| HAZARD TYPE | AGENCY AND LIST TITLES            | WARNINGS  |
|-------------|-----------------------------------|---|
| CANCER      | US CDC - Occupational Carcinogens | Occupational Carcinogen   |
| CANCER      | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route                      |
| CANCER      | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |
| CANCER      | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)         |
| CANCER      | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man                      |
| CANCER      | New Zealand - GHS                 | 6.7A - Known or presumed human carcinogens                                    |
| CANCER      | Japan - GHS                       | Carcinogenicity - Category 1A   |
| CANCER      | Australia - GHS                   | H350i - May cause cancer by inhalation  |
|             |                                   |   |

SUBSTANCE NOTES: Residuals and Impurities screened using the Toxnet database.

STARCH %: 0.3000 - 0.5000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities screened using the Toxnet database.

OTHER MATERIAL NOTES:

SYRUPS, HYDROLYZED STARCH, POLYMERS WITH ACRYLIC ACID AND MALEIC ANHYDRIDE, SODIUM SALT, HYDROGEN PEROXIDE- AND PEROXYDISULFURIC ACID ([(HO)S(0)2]202) SODIUM SALT (1:2)-INITIATED

ID: 1354427-59-0

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD : | SCREENING DA | TE: <b>2019-02-08</b> |                        |
|--|------------------------|----------|--------------|-----------------------|------------------------|
| %: 0.1000 - 0.3000   | GS: <b>NoGS</b>        |          | RC:<br>UNK   | NANO:<br><b>No</b>    | ROLE:<br><b>Binder</b> |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS |              |                       |                        |
|  | No hazards found       |          |              |                       |                        |

SUBSTANCE NOTES: Residuals and Impurities screened using the Toxnet database.

DISPERSANT

%: 0.2430 - 0.5750

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities screened using the Toxnet database.

OTHER MATERIAL NOTES:

WATER ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

Materials Library

HAZARD SCREENING DATE: 2019-02-08

RC: UNK

NANO: No

ROLE: Hydrator

WARNINGS

No hazards found

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

# NAPHTHALENESULFONIC ACID, POLYMER WITH FORMALDEHYDE, SODIUM SALT

ID: 9084-06-4

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2019-02-08 |  |               |  |
|--|------------------------|-----------------------------------|--|---------------|--|
| %: 0.0600 - 0.2000   | GS: LT-P1              | RC: UNK NANO: No ROLE: Poly       |  | ROLE: Polymer |  |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                          |  |               |  |
| РВТ  | EC - CEPA DSL          | Persistent, Bioaccu<br>humans     | Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans |               |  |

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

### SULFURIC ACID DISODIUM SALT

ID: 7757-82-6

| HAZARD SCREENING METHOD: Ph | aros Chemical and Materials Library | HAZARD SCREE | NING DATE: <b>2019-</b> | 02-08             |
|-----------------------------|-------------------------------------|--------------|-------------------------|-------------------|
| %: <b>0.0030 - 0.0250</b>   | GS: LT-UNK                          | RC: UNK      | nano: <b>No</b>         | ROLE: Constituent |
| HAZARD TYPE                 | AGENCY AND LIST TITLES              | WARNINGS     |                         |                   |
|                             | No hazards found                    |              |                         |                   |

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

### SULFUROUS ACID, DISODIUM SALT

ID: 7757-83-7

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2019-02-08 |                 |                         |
|--|------------------------|-----------------------------------|-----------------|-------------------------|
| %: Impurity/Residual   | gs: <b>LT-P1</b>       | RC: UNK                           | nano: <b>No</b> | ROLE: Impurity/Residual |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                          |                 |                         |
|  | No hazards found       |                                   |                 |                         |

SUBSTANCE NOTES: Residuals and impurities 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** 

Greenguard

11-25

CERTIFYING PARTY: Third Party

**ISSUE DATE: 2014-**

EXPIRY DATE: 2019-

CERTIFIER OR LAB: UL

APPLICABLE FACILITIES: This is not a location specific

certification. All manufacturing facilities are

included.

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: 3/8" Certificate #: 58558-410 5/8" Certificate#: 58562-410

**OTHER** 

#### Type III Environmental Product Declaration

CERTIFYING PARTY: Third Party

ISSUE DATE: 2018-

EXPIRY DATE: 2023-

CERTIFIER OR LAB: Labeling

APPLICABLE FACILITIES: Juarez, San Luis Potosi, and

12-19

12-19

11-25

Sustainability Inc

Monterrey (Neuvo Leon)

CERTIFICATE URL:

https://www.epdregistracion.com.mx/panel-

rey-s-a/

CERTIFICATION AND COMPLIANCE NOTES: 1,000 square feet (MSF) of Gypsum Board of Varying Thicknesses Manufactured by Panel Rey S.A.



### 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.

**ESTANDAR READY MIX JOINT COMPOUND** 

HPD URL: https://hpdrepository.hpdcollaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

**ESTANDAR PLUS READY MIX JOINT COMPOUND** 

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

MAXIMO READY MIX JOINT COMPOUND

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

SUPERLIGERO READY MIX JOINT COMPOUND

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

ULTIMA LIGHT AND ULTIMA LIGHT TINTED READY MIX

JOINT COMPOUND

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

**ULTIMA PLUS READY MIX JOINT COMPOUND** 

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

**UNIMAX READY MIX JOINT COMPOUND** 

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

MIDWEIGHT READY MIX JOINT COMPOUND

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

FINISH PRO READY MIX JOINT COMPOUND

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Joint Compound Use: Interior Application: Ceiling and wall

EASY SET 5, 20, 45, AND 90 SETTING TYPE

COMPOUNDS

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Setting Type Compound Use: interior Application: Wall and ceiling

MEDIANA TEXTURE POWDER JOINT COMPOUND

HPD URL: https://hpdrepository.hpd-

collaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Material: Compound Use: interior Application: Ceiling

### SPRAY TEXTURE POWDER JOINT COMPOUND

HPD URL: https://hpdrepository.hpdcollaborative.org/Pages/Results.aspx#k=Panel%20Rey

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Material: Compound Use: interior Application: Walls



# Section 5: General Notes

Residuals and impurities were screened using the toxnet NIH database: https://toxnet.nlm.nih.gov/. Notes are included per line item.

#### MANUFACTURER INFORMATION

MANUFACTURER: Panel Rey S.A. ADDRESS: Serafin Peña 938 Sur

Monterrey Neuvo Leon 64000, Mexico

WEBSITE: http://www.panelrey.com

CONTACT NAME: Karla Daniela Macías Luján TITLE: Product Technology Specialist PHONE: (81) 8305 3800 EXT. 3842

EMAIL: kmacias@gpromax.com

### KEY

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**

**AQU** Aquatic toxicity

CAN Cancer

**DEV** Developmental toxicity **END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

MAM Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity **OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

NF 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 (insuficient data to benchmark)

#### **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

LT-1 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)

#### **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.