MasterPolyheed 997 by Master Builders Solutions

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 21834 CLASSIFICATION: 03 00 00 Concrete

PRODUCT DESCRIPTION: MasterPolyheed 997 admixture is a patented multi-component, mid-range water-reducing admixture. MasterPolyHeed 997 admixture meets ASTM C 494/C 494M requirements for Type A, water-reducing, and Type F, high-range water-reducing, admixtures. Recommended uses: •All concrete applications where superior workability, pumpability and finishability qualities are desired, in particular, flatwork, pumped concrete and pervious concrete •Concrete containing manufactured sand and harsh concrete mixtures For additional information, please visit our website at: https://www.master-builders-solutions.com/en-us/architects-and-designers



Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- C Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- C 1,000 ppm Per GHS SDS
- C Other

Residuals/Impurities

- Considered
- C Partially Considered
- Not Considered

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

All Substances Above the Threshold Indicated Are:

 ○ Yes Ex/SC Yes No Characterized

% weight and role provided for all substances.

 ○ Yes Ex/SC Yes No **Screened**

All substances screened using Priority Hazard Lists with results disclosed.

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

MASTERPOLYHEED 997 [UNDISCLOSED BM-4 UNDISCLOSED LT-UNK SODIUM NITRATE LT-P1 | END THIOCYANATE SODIUM LT-P1 2,2',2",2"'-(1,2-ETHANEDIYLDINITRILO)TETRAKISETHANOL NoGS TRIETHANOLAMINE LT-P1 | RES | END UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-1 | RES | SKI | DEV | MUL | REP O-PHENYLPHENOL LT-1 | CAN | END | AQU | SKI | EYE | MUL UNDISCLOSED LT-P1 | MUL DAZOMET BM-2 | AQU | EYE | MUL UNDISCLOSED LT-P1 | DEV | SKI UNDISCLOSED LT-P1 | END UNDISCLOSED LT-P1 | SKI | PHY UNDISCLOSED BM-1 | PHY | SKI DIETHANOLAMINE BM-1 | RES | CAN | SKI | EYE | END]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All residuals and impurities within the threshold are included.

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: Exempt

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

Yes

PREPARER: Self-Prepared VERIFIER:

VERIFICATION #:

EXPIRY DATE: 2023-01-29

SCREENING DATE: 2020-01-29 PUBLISHED DATE: 2020-09-25



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

MASTERPOLYHEED 997

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All substances including residuals and impurities are considered in the regulatory evaluation. The assessment has verified all hazard classifications are conducted within the provisions of North American countries' regulatory requirements.

OTHER PRODUCT NOTES: Concrete admixtures are introduced into a concrete mixture and would not be considered a finished, installed product but a material input to a concrete mixture.

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|------------------------|-----------------------------------|-----------------|------------------------------------|
| %: 40.0000 | GS: BM-4 | RC: None | nano: No | SUBSTANCE ROLE: Carrier |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | | No warnings | found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCRE | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|------------------------|-------------|-----------------------------------|---|--|
| %: 15.0000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Polymer species | |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARN | IINGS | | |
| None found | | | No wa | rnings found on HPD Priority Hazard Lists | |

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

SODIUM NITRATE ID: 7631-99-4

HAZARD SCREENING DATE: 2020-01-29 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library %: Impurity/Residual GS: **LT-P1** RC: None NANO: **No** SUBSTANCE ROLE: Impurity/Residual

| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
|------------------------------------|---|-------------------------------|
| SUBSTANCE NOTES: All residuals and | d impurities within the threshold are included. | |

| THIOCYANATE SODIUM | | | | |
|------------------------------------|-----------------------------------|----------|-----------------|--|
| HAZARD SCREENING METHOD: Ph | HAZARD SCREENING DATE: 2020-01-29 | | | |
| %: 0.0000 - 10.0000 | GS: LT-P1 | RC: None | nano: No | SUBSTANCE ROLE: Intermediate |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARI | NINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |

2,2',2",2"'-(1,2-ETHANEDIYLDINITRILO)TETRAKISETHANOL

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

ID: 140-07-8

| HAZARD SCREENING METHOD: Ph | HAZARD SCREENING DATE: 2020-01-29 | | | |
|--|-----------------------------------|----------|-----------------|------------------------------------|
| %: 0.0000 - 10.0000 | GS: NoGS | RC: None | nano: No | SUBSTANCE ROLE: Buffer |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | 3 | |
| None found | | | No warnings | found on HPD Priority Hazard Lists |
| SUBSTANCE NOTES: All residuals and impurities within the threshold are included. | | | | |

TRIETHANOLAMINE ID: 102-71-6 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-01-29 %: 0.0000 - 3.0000 GS: LT-P1 RC: None NANO: **No** SUBSTANCE ROLE: Dispersant

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Asthmagen (Rs) - sensitizer-induced AOEC - Asthmagens **ENDOCRINE TEDX - Potential Endocrine Disruptors** Potential Endocrine Disruptor

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

UNDISCLOSED

RESPIRATORY

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|------------|-----------------------------------|-----------------|---------------------------------|
| %: 0.0000 - 0.5000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Polymer species |

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

UNDISCLOSED

| HAZARD SCREENING METHOD: Ph | aros Chemical and Materials Library | HAZARD SCREE | ENING DATE: 2020 | 0-01-29 |
|-----------------------------|-------------------------------------|--------------|------------------|--|
| %: 0.0000 - 0.2400 | gs: NoGS | RC: None | nano: No | SUBSTANCE ROLE: Surfactant |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNI | NGS | |
| None found | | | No warni | ngs found on HPD Priority Hazard Lists |

 ${\scriptsize \texttt{SUBSTANCE NOTES:}} \textbf{ All residuals and impurities within the threshold are included.}$

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREE | NING DATE: 2020 |)-01-29 |
|--|---|--------------|-----------------|----------------------------|
| %: 0.0000 - 0.2500 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Surfactant |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNIN | IGS | |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class | 2 - Hazard to W | /aters |

 ${\scriptsize \texttt{SUBSTANCE}\ NOTES:}\ \textbf{All}\ \textbf{residuals}\ \textbf{and}\ \textbf{impurities}\ \textbf{within}\ \textbf{the}\ \textbf{threshold}\ \textbf{are}\ \textbf{included}.$

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|-----------------|-----------------------------------|-----------------|----------------------------|
| %: 0.0000 - 0.2000 | GS: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Surfactant |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|-------------------------|--|
| RESPIRATORY | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |
| SKIN IRRITATION | EU - GHS (H-Statements) | H314 - Causes severe skin burns and eye damage |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| DEVELOPMENTAL | EU - GHS (H-Statements) | H360Df - May damage the unborn child. Suspected of damaging fertility |
| MULTIPLE | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| REPRODUCTIVE | GHS - New Zealand | 6.8A - Known or presumed human reproductive or developmental toxicants |
| REPRODUCTIVE | GHS - Japan | Toxic to reproduction - Category 1B [H360] |
| REPRODUCTIVE | EU - Annex VI CMRs | Reproductive Toxicity - Category 1B |
| DEVELOPMENTAL | GHS - Australia | H360Df - May damage the unborn child. Suspected of damaging fertility |

 $\hbox{\scriptsize {\tt SUBSTANCE\ NOTES:}}\ \textbf{All\ residuals\ and\ impurities\ within\ the\ threshold\ are\ included.}$

O-PHENYLPHENOL ID: 90-43-7

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|---|-----------------------------------|---|--|
| %: 0.0000 - 0.1000 | GS: LT-1 | RC: Nor | SUBSTANCE ROLE: Biocide | |
| HAZARD TYPE | AGENCY AND LIST TITLES | V | /ARNINGS | |
| CANCER | CA EPA - Prop 65 | (| | |
| ENDOCRINE | EU - Priority Endocrine Disruptors | | Category 2 - In vitro e o Endocrine Disrupti | evidence of biological activity related on |
| ACUTE AQUATIC | EU - GHS (H-Statements) | ŀ | 1400 - Very toxic to a | aquatic life |
| SKIN IRRITATION | EU - GHS (H-Statements) | ŀ | l315 - Causes skin ir | ritation |
| EYE IRRITATION | EU - GHS (H-Statements) | ŀ | 1319 - Causes seriou | s eye irritation |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | F | otential Endocrine [| Disruptor |
| MULTIPLE | German FEA - Substances Hazardous to Waters | (| Class 2 - Hazard to W | √aters |
| CANCER | MAK | | Carcinogen Group 4 disk under MAK/BAT | - Non-genotoxic carcinogen with low levels |

 ${\scriptsize \texttt{SUBSTANCE NOTES:}} \ \textbf{All residuals and impurities within the threshold are included.}$

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|-----------|-----------------------------------|-----------------|---------------------------------|
| %: 0.0000 - 0.2000 | GS: LT-P1 | RC: None | nano: No | SUBSTANCE ROLE: Polymer species |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|----------------------------|
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

| DAZOMET | | | | ID: 533-74-4 | |
|--|---|---|-------------------|--------------------------------------|--|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | | |
| %: 0.0000 - 0.2000 | GS: BM-2 | RC: None | nano: No | SUBSTANCE ROLE: Biocide | |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNING | as | | |
| ACUTE AQUATIC | EU - GHS (H-Statements) | H400 - | Very toxic to aqu | uatic life | |
| CHRON AQUATIC | EU - GHS (H-Statements) | H410 - Very toxic to aquatic life with long lasting effects | | uatic life with long lasting effects | |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation | | eye irritation | |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 3 | 3 - Severe Hazaro | d to Waters | |
| | | | | | |

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|------------------------|---|--|--|
| %: 0.0000 - 0.2000 | GS: LT-P1 | RC: None NANO: No SUBSTANCE ROLE: Biocide | | |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| DEVELOPMENTAL | MAK | Pregnancy Risk Group B | | |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization | | |
| | | | | |

 $\hbox{\scriptsize SUBSTANCE NOTES: All residuals and impurities within the threshold are included.}$

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | | |
|--|---------------------------------------|-----------------------------------|-----------------|------------------------|--|
| %: 0.0000 - 0.2000 | GS: LT-P1 | RC: None | nano: No | SUBSTANCE ROLE: Buffer | |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | 3 | | |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor | | uptor | |
| | | | | | |

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HA | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|---|----------|--|-----------------|------------------------|
| %: 0.0000 - 0.2000 | GS: LT-P1 | RC | : None | nano: No | SUBSTANCE ROLE: Buffer |
| HAZARD TYPE | AGENCY AND LIST TITLES | | WARNINGS | | |
| SKIN IRRITATION | EU - GHS (H-Statements) | | H314 - Causes severe skin burns and eye damage | | |
| PHYSICAL HAZARD (REACTIVE) | GHS - Korea | | H290 - May be corrosive to metals | | |
| | d impurities within the threshold are i | ingluded | | , 22 231100110 | |

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-01-29 | | |
|--|-------------------------|---|-----------------|-----------------------------------|
| %: Impurity/Residual | GS: BM-1 | RC: None | nano: No | SUBSTANCE ROLE: Impurity/Residual |
| HAZARD TYPE | AGENCY AND LIST TITLES | | WARNINGS | |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | | H228 - Flammal | ble solid |
| SKIN SENSITIZE | EU - GHS (H-Statements) | | H317 - May cau | se an allergic skin reaction |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization | | |
| | | | | |

SUBSTANCE NOTES: All residuals and impurities within the threshold are included.

| DIETHANOLAMINE | ID: 111-42-2 |
|----------------|--------------|
| | |

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZA | | AZARD SCREENING DATE: 2020-01-29 | | |
|---|---|---|--|--|
| GS: BM-1 | RC: None | NANO: No | SUBSTANCE ROLE: Impurity/Residual | |
| AGENCY AND LIST TITLES | | WARNINGS | | |
| AOEC - Asthmagens | | Asthmagen (Rs) - sensitizer-induced | | |
| IARC | | Group 2b - Possibly carcinogenic to humans | | |
| CA EPA - Prop 65 | | Carcinogen | | |
| EU - GHS (H-Statements) | | H315 - Causes | skin irritation | |
| EU - GHS (H-Statements) | | H318 - Causes | serious eye damage | |
| TEDX - Potential Endocrine Disrupto | ors | Potential Endo | crine Disruptor | |
| MAK | | • | oup 3B - Evidence of carcinogenic effects nt for classification | |
| MAK | | Sensitizing Substance Sh - Danger of skin sensitization | | |
| | GS: BM-1 AGENCY AND LIST TITLES AOEC - Asthmagens IARC CA EPA - Prop 65 EU - GHS (H-Statements) EU - GHS (H-Statements) TEDX - Potential Endocrine Disrupto MAK | GS: BM-1 AGENCY AND LIST TITLES AOEC - Asthmagens IARC CA EPA - Prop 65 EU - GHS (H-Statements) EU - GHS (H-Statements) TEDX - Potential Endocrine Disruptors MAK | GS: BM-1 RC: None NANO: No AGENCY AND LIST TITLES WARNINGS ASthmagen (RS IARC Group 2b - Pos CA EPA - Prop 65 Carcinogen EU - GHS (H-Statements) H315 - Causes EU - GHS (H-Statements) TEDX - Potential Endocrine Disruptors Potential Endocrine Group Gro | |



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

Exempt

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2020-

EXPIRY DATE:

CERTIFIER OR LAB: Internal

APPLICABLE FACILITIES: Master Builders Solutions -

01-01

Admixture Systems Plants

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Per LEED Indoor Environmental Quality, Low-Emitting Materials: Concrete is an inherently non-emitting source. Products that are inherently non-emitting sources of VOC's (Concrete, Stone, ceramic, powder-coated metals, plated or anodized metal, glass, clay brick, and unfinished/untreated solid wood flooring) are considered fully compliant without any VOC emissions testing if they do not include integral organic based surface coatings, binders, or sealants.



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

For additional information please visit our website at: https://www.master-builders-solutions.com/en-us/architectsand-designers

MANUFACTURER INFORMATION

MANUFACTURER: Master Builders Solutions

ADDRESS: 23700 Chagrin Blvd Beachwood Ohio 44122, USA

WEBSITE: https://www.master-builders-

solutions.com/en-us/architects-and-designers

CONTACT NAME: David Green
TITLE: Manager Sustainability

PHONE: **216-839-7803**

EMAIL: david.green@mbcc-group.com

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

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)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

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

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)

NoGS No GreenScreen.

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