

Using HPD 2.2 for USGBC's LEED v4 Material Ingredients Credit

Option 1 requirements are shown in blue
 Option 2 requirements are all Option 1 plus those shown in orange

Overall Requirement
 The HPD must be complete as defined in the Checklist in the HPD Open Standard. HPDs created with the HPDC Online Builder and published in the Repository are complete. HPDs created with other tools should be checked against the Checklist.

Option 2: Must be 100 ppm and must apply to all listed contents

Option 1: Must be 100 ppm or 1,000 ppm Per Material or Per Product in Nested Inventory

Must be filled in and there is no minimum number of materials that must be "considered." There must be an explanation of consideration in Residuals and Impurities Notes in Section 2.

Options 1 and 2: Link to functional website where HPD is available to download. Following are acceptable: "This HPD is published in the HPDC Public Repository www.hpd-collaborative.org/hpd-public-repository/" OR a more specific address in the Repository

Product Name by Product Manufacturer
 HPD UNIQUE IDENTIFIER:
 CLASSIFICATION:
 PRODUCT DESCRIPTION:

Health Product Declaration® v2.2
 created via:

Section 1: Summary
Nested Method/Material 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
 Other

Residuals/Impurities

Residuals/Impurities Considered in ___ of ___ 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 except SC substances characterized according to SC guidance

Screened Yes Ex/SC Yes No
 Screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified Yes Ex/SC Yes No
 Disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC guidance

SC=Special Condition (See Notes)

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

Number of Greenscreen BM-4/BM-3 contents:
 Contents highest concern GreenScreen Benchmark or List translator Score:
 Nanomaterial:

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): Regulatory (g/l):

Does the product contain exempt VOCs?
 Are ultra-low VOC tints available?

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*
 VOC Emissions:

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified? Yes No

PREPARER: VERIFIER: VERIFICATION #:

SCREENING DATE: PUBLISHED DATE:
 EXPIRY DATE: ARCHIVE DATE:

Issuance Number: HPD v2.2 created via Page of

Options 1 and 2: Must be "Yes" or "Yes Ex/SC"

Options 1 and 2: Must be "Yes" or "Yes Ex/SC"

Options 1 and 2: May be either "Yes" or "Yes Ex/SC" or "No."

Option 2: To qualify for 150% of cost may not be "Benchmark 1" or to qualify for 100% of cost may not read "LT-1"

Options 1 and 2: Must include (1) explanation of "other" thresholds.

Last updated: May 13, 2019



Section 2: Content in Descending Order of Quantity

Nested Method/Product Threshold

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.

Option 2: Must be filled in for all listed contents and may not contain "BM-1"; "LT-1"

In a Nested Inventory with Product Threshold, this can be "other"

Options 1 and 2: Residuals and impurities consideration must be explained.

Options 1 and 2: May be "Unknown" or "Undisclosed" but must meet requirements for reporting % weight, role, and hazards

Options 1 and 2: May be "Unknown" or "Undisclosed" but must meet requirements for reporting % weight, role, and hazards

Options 1 and 2: Must be filled in for all substances

MATERIAL NAME _____ %:

HPD URL: _____

PRODUCT THRESHOLD: _____ RESIDUALS AND IMPURITIES CONSIDERED: _____ MATERIAL TYPE: _____

RESIDUALS/IMPURITIES NOTES: _____

OTHER MATERIAL NOTES: _____

SUBSTANCE NAME _____ ID: _____

HAZARD SCREENING METHOD: _____ HAZARD SCREENING DATE: _____

%: _____ GS: _____ RC: _____ NANO: _____ SUBSTANCE ROLE: _____

HAZARD TYPES: _____ AGENCIES AND LIST TITLES: _____ WARNINGS: _____

SUBSTANCE NOTES: _____

MATERIAL NAME _____ %:

HPD URL: _____

PRODUCT THRESHOLD: _____ RESIDUALS AND IMPURITIES CONSIDERED: _____ MATERIAL TYPE: _____

RESIDUALS/IMPURITIES NOTES: _____

OTHER MATERIAL NOTES: _____

SUBSTANCE NAME _____ ID: _____

HAZARD SCREENING METHOD: _____ HAZARD SCREENING DATE: _____

%: _____ GS: _____ RC: _____ NANO: _____ SUBSTANCE ROLE: _____

HAZARD TYPES: _____ AGENCIES AND LIST TITLES: _____ WARNINGS: _____

SUBSTANCE NOTES: _____



This optional view enables the association of materials with parts of the product as they might appear in a bill of materials or assembly diagram. All materials shown here are also listed in Section 2, where associated health information and other details appear. In this section, materials may appear multiple times if they appear in multiple parts. Material percentage is by weight within the part. Parts listed here do not need to account for 100% of the product.

PART NAME

MATERIAL THRESHOLD:

PART NAME

MATERIAL NAME %
MATERIAL NAME %

PART NOTES:

PART NAME

MATERIAL NAME %
MATERIAL NAME %

PART NOTES:

PART NOTES:

PART NAME

MATERIAL THRESHOLD:

PART NAME

PART NAME

MATERIAL NAME %
MATERIAL NAME %

PART NOTES:

PART NAME

MATERIAL NAME %
MATERIAL NAME %

PART NOTES:

PART NOTES:



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.

CERTIFYING PARTY: ISSUE DATE: EXPIRY DATE:

CERTIFIER OR LAB:

APPLICABLE FACILITIES:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

CERTIFYING PARTY: ISSUE DATE: EXPIRY DATE:

CERTIFIER OR LAB:

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CERTIFIER OR LAB:

APPLICABLE FACILITIES:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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.

HPD URL:

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Section 5: General Notes



Notes not provided in Materials Notes
may be provided here. 

MANUFACTURER INFORMATION

MANUFACTURER:	CONTACT NAME:
ADDRESS:	TITLE:
	PHONE:
	EMAIL:
WEBSITE:	

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	GLO Global warming	OZO Ozone depletion
CAN Cancer	LAN Land Toxicity	PBT Persistent Bioaccumulative Toxic
DEV Developmental toxicity	MAM Mammalian/systemic/organ toxicity	PHY Physical Hazard (reactive)
END Endocrine activity	MUL Multiple hazards	REP Reproductive toxicity
EYE Eye irritation/corrosivity	NEU Neurotoxicity	RES Respiratory sensitization
GEN Gene mutation	NF Not found on Priority Hazard Lists	SKI Skin sensitization/irritation/corrosivity
		UNK Unknown

GreenScreen

BM-4 Benchmark-4 (prefer – safer chemical)	LT-P1 List Translator Possible Benchmark-1 (possible Benchmark-1)
BM-3 Benchmark-3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark-1 (likely Benchmark-1)
BM-2 Benchmark-2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark-1 (avoid – chemical of high concern)	NoGS No GreenScreen
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Content 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

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 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.