

# Using HPD 2.1.1 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/](http://www.hpd-collaborative.org/hpd-public-repository/)" OR a more specific address in the Repository

**Product Name by Product Manufacturer**  
 CLASSIFICATION:  
 PRODUCT DESCRIPTION:

**Health Product Declaration v2.1.1**  
 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  
 Per OSHA MSDS  
 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)

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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.

**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:**

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**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

PREPARED:                      VERIFIER:                      VERIFICATION #:

SCREENING DATE:                      PUBLISHED DATE:                      EXPIRY DATE:

HPD v2.1.1 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 6, 2019



## Section 2: Content in Descending Order of Quantity

### Nested Method/Material 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-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

**MATERIAL NAME** %:

HPD URL:

MATERIAL THRESHOLD:

RESIDUALS AND IMPURITIES CONSIDERED:

RESIDUALS/IMPURITIES NOTES:

OTHER MATERIAL NOTES:

**SUBSTANCE NAME**

ID:

HAZARD SCREENING METHOD:

HAZARD SCREENING DATE:

%:

GS:

RC:

NANO:

ROLE:

HAZARD TYPES:

AGENCIES AND LIST TITLES:

WARNINGS:

SUBSTANCE NOTES:

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

**SUBSTANCE NAME**

ID:

HAZARD SCREENING METHOD:

HAZARD SCREENING DATE:

%:

GS:

RC:

NANO:

ROLE:

HAZARD TYPES:

AGENCIES AND LIST TITLES:

WARNINGS:

SUBSTANCE NOTES:

**MATERIAL NAME** %:

HPD URL:

MATERIAL THRESHOLD:

RESIDUALS AND IMPURITIES CONSIDERED:

RESIDUALS/IMPURITIES NOTES:

OTHER MATERIAL NOTES:

**SUBSTANCE NAME**

ID:

HAZARD SCREENING METHOD:

HAZARD SCREENING DATE:

%:

GS:

RC:

NANO:

ROLE:

HAZARD TYPES:

AGENCIES AND LIST TITLES:

WARNINGS:

SUBSTANCE 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.*

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CERTIFYING PARTY:                                  ISSUE DATE:                                  EXPIRY DATE:  
CERTIFIER OR LAB:  
APPLICABLE FACILITIES:  
CERTIFICATE URL:  
CERTIFICATION AND COMPLIANCE NOTES:

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CERTIFYING PARTY:                                  ISSUE DATE:                                  EXPIRY DATE:  
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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.*


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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:	

**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

<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)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NOGSLT</b> NOGSLT is used by CPA to indicate a chemical is not present on any authoritative hazard list. This score will not appear on an HPD.
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	<b>NOGS</b> NoGS is used in the HPD to indicate the substance is not present on any authoritative lists and does not have a public full Benchmark assessment

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 v2.1.1 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.*