Transparency is the new green
In product selection, specification & procurement

Getting Started with Transparency and Material Health
Using HPDs & the Transparency Catalog

May 19, 2021

© Sustainable Minds 2021
In this webinar, we will discuss the recent advances in ease-of-use and information technology tools for MFRs and AECOs to help respond to the growing need for healthier and safer building products.

**HPDC / Sustainable Minds partnership**

Together, we are committed to simplifying product transparency reporting, making HPD data more understandable and meaningful and delivering easy to use and powerful tools.

© Sustainable Minds 2021
B2B provider of environmental product transparency cloud applications & services

Founded in 2007, mission is to operationalize environmental performance in mainstream manufacturing to drive revenue and growth through greener product innovation.

- Deep expertise in product transparency (LCA & materials), customer experience, information design & cloud software; ISO 14025 program operator
- 2009 first LCA software in the cloud for product development organizations to design greener products; Autodesk lead investor; used in industry & education, 90+ countries world-wide
The only end-to-end product transparency solutions provider in the market today.

- Program operation – PCR / EPD development
- LCA and material ingredient assessment services
- Innovative cloud-delivered transparency reporting tools, training and education

Our solutions are designed to seamlessly integrate product transparency into product marketing to build credibility, preference and value for brands.
Agenda

1. Intro, SM / HPDC partnership
2. HPD overview & Builder demo, 35
3. Transparency Catalog overview & demo, 15
4. Q&A, 5
Together, committed to delivering easy to use tools

Creating HPDs
HPD Builder

Sharing HPDs
HPD Builder API

Finding products w/ HPDs (& HPDs)

Selecting and understanding

Disclosure types

- EPD
  - SM Transparency Report (EPD)®
  - Product-specific
  - Industry average

- Material ingredients
  - C2C Certified®
  - C2C Material Health Certificate
  - Declare
  - Health Product Declaration

- LEVEL®
  - Living Product Challenge
  - Manufacturer Inventory

Application Programming Interface (API) allows software solutions to communicate with each other.
Together, committed to delivering easy to use tools

Reporting
MFR Analytics Dashboard

Owens Corning | Jan 1– Apr 30, 2021

HPDs #3 and #5 most downloaded docs

**Jan 1 – April 30, 2021 | 568 Clicks & downloads**

<table>
<thead>
<tr>
<th>Company</th>
<th>Page</th>
<th>URL</th>
<th>Clicks</th>
</tr>
</thead>
<tbody>
<tr>
<td>owens corning</td>
<td>/company/owens-corning</td>
<td><a href="https://hprepository.hpd-collaborative.org/repository/hpds/publish_446_ecotouch_pink_fiberglass_insulation_unfaced.pdf">https://hprepository.hpd-collaborative.org/repository/hpds/publish_446_ecotouch_pink_fiberglass_insulation_unfaced.pdf</a></td>
<td>14</td>
</tr>
<tr>
<td>owens corning</td>
<td>/search?number=10809,10811&amp;q=</td>
<td><a href="https://buildingtransparency.org/dashboard/epds/f4b64dc5457e427a832f86c75a7df4bb">https://buildingtransparency.org/dashboard/epds/f4b64dc5457e427a832f86c75a7df4bb</a></td>
<td>13</td>
</tr>
<tr>
<td>owens corning</td>
<td>/company/owens-corning</td>
<td><a href="https://hprepository.hpd-collaborative.org/repository/hpds/446_foamular_extruded_polistyrene_xps_rigid_foam_insul">https://hprepository.hpd-collaborative.org/repository/hpds/446_foamular_extruded_polistyrene_xps_rigid_foam_insul</a></td>
<td>12</td>
</tr>
</tbody>
</table>
Same HPD found & downloaded by:
1. Going directly to company listing OR
2. Any combination of search criteria, sometimes including other MFR names – yet still arriving at OC.
Do more in 1 click.

Filter and/or search to find brands, products and transparency documentation

CSI MasterFormat® Division ▼ Section ▼

e.g. insulation, door, name

Go

We’re making it super easy to find & specify greener and healthier products for LEED, WELL, Living Building Challenge, CHPS, BREEAM and Green Globes high performance building projects — and to reward manufacturers for making them.

Includes EVERY building product MFR in N. America creating disclosures and:
• EVERY material ingredient disclosure program: HPD, Declare, C2C, Level and more
• EVERY EPD program operator in N. America | All EPDs, 19 MasterFormat divisions

Project Builder / Configurator & Library — Learn while doing.
Select Knauf products, specify attributes, save in your Project Library — collaborate with your team. Get quick access to transparency docs, guide specs and help.

Get started ▼ QuickStart Guide

Meet the 1,510+ brands investing in product transparency
Revolutionizing green building product selection and specification to grow revenue and brand value for building product manufacturers.

Radically simplifies the delivery of product transparency information. In 1-click, powerful CSI MasterFormat® filtering enables AECOs to find EVERY brand and their products with transparency disclosures – in each division and section – making it possible to do in seconds what has taken hours, days or couldn’t be done at all.

Benefit: Make your investments in product transparency pay off. It gets your brand and products in front of the most targeted and motivated AECOs and dramatically improves the efficiency and effectiveness of your sales, marketing and education efforts.

Meet the 1,510+ brands investing in product transparency.
2. HPD overview & Builder demo
Material Health Practice in 2021
Introduction for Manufacturers

John Geyer, Program Director
Wendy Vittori, Executive Director

HPD Collaborative
What Is a Healthy Building?

Homes, offices, schools, and other indoor environments are being transformed by health and wellness design principles. Many of these principles are not new, but recent research has led to use of evidence-based designs and technologies to create new environments with healthier materials. Recent research, however, has led to use of evidence-based designs and technologies to create new environments with healthier materials. The recommendations are grouped in three categories: physical activity, healthy food and drinking water, and healthy environment and social well-being.

ULI’s Building Health Places Toolkit, published in 2015, provides 21 evidence-based recommendations for promoting health in real estate developments. The recommendations can include design features such as playground equipment, access to local healthy foods (grocery stores and farms), easy access to a local health care provider, and resident social engagement, and pet-friendly policies.

—The Drive Toward Healthier Buildings and Communities: 2016: Tactical Ideas to Build Safer, Healthier Buildings and Communities—Professional and Professional Health and Wellness Design and Data & Analytics Smart Market Report

6/19/2021
We can understand much about a food’s healthfulness, When we understand a food’s ingredients
Similarly - We can understand much about a building’s healthfulness, when we understand a building’s ingredients
The Health Product Declaration®

A Method for Understanding the Material Health of Building Products
Key HPD Facts – May 2021

- 8300+ HPDs published
- Represent 20,000+ building product SKUs
- From over 600+ manufacturers
- Monthly average has grown to ~200 new HPDs published per month

As of 5/2021

- Published HPDs: 8300+
- 2020 Published HPDs: 7500+
- 2019 Published HPDs: 5400+
- 2018 Published HPDs: 4300+
- 2017 Published HPDs: 2650+
- 2017 HPD v2.1 Released
- 2018 HPD v2.1.1 Released
- 2019 HPD v2.2 Released
- 2021 HPD v2.3 To be Released Q3

5/19/2021
What is the HPD Open Standard?

Three Component Parts

- Standardized reporting format
- Step-by-step reporting instructions
- Best Practices on hazard screening, residuals & impurities, etc.
HPD Open Standard Simplifies

**Reporting**
- What is the Data?
- How do I report it?

**Disclosure**
- How Precise is the Reporting?
- Who Receives the Data?
- Completeness?
- Inventory method?
- Threshold levels?
- Handling CBI data?

**Transparency**
- Make the Data Public
- Open Innovation
- Collaboration

Disclosure and Transparency levels are determined by the Manufacturer

5/19/2021

Introduction to Material Health Practice
Provides plug-and-play compatibility

Eliminates barriers to connectivity

- A standard for data reporting among key players, such as: International Living Future Institute (ILFI), Cradle to Cradle Products Innovation Institute (C2CPII), USGBC, WELL
- Open to all others

Reduced cost and improved quality

- Report once - reuse many times
- Further analysis and assessment, such as for advanced product health certifications, can count on a standard for data completeness and quality
Creating a free-flowing, open universe of Material Health Information

Product Libraries, Data Management and Interpretive Tools

Certifications

Data Management, Screening, Assessment Methods and Tools

Building Design and Construction Project Teams

Product Manufacturers and Suppliers

Note: Not an information technology network diagram. Logos and programs shown represent illustrative examples, not an exhaustive list. Registered Marks are the property of their owners.
Reporting is the first step

Reporting enables manufacturers and designers to know what is in a product and associated health information.

It is the first step toward optimization for healthier and safer products and buildings.
Circularity requires transparency

- How can we plan for recycling and reuse without knowing what is in products?
- Whether planning for a 1, 10, or 100-year lifespan, responsible end-of-life management of buildings requires knowing “what’s in there”
- Even if health information is not known today, knowing the chemical contents enables using new health information as it emerges

Art: Guy Billout, from GreenSource magazine
What is a published HPD report?

A publicly-available archive of manufacturer-provided data, reported in compliance with the HPD Open Standard

- Product Content
- Associated Health Information

Not a rating or certification

Data can be provided using HPD Builder or other connected systems, such as Toxnot
Product and manufacturer identification

Nordic X-Lam by Nordic Structures

CLASSIFICATION: 06 17 19 00 Cross-Laminated Timber

PRODUCT DESCRIPTION: Nordic X-Lam cross-laminated timber (CLT) is composed of cross-wise Spruce-Pine-Fir (S-P-F) and/or Black Spruce species boards, forming a slab/panel product up to 15 inches thick, 8 feet wide, and 64 feet long. The result is a building material high in resistance and stiffness, that can easily substitute steel or concrete.

Section 1: Summary

Nested Method / Product Threshold

<table>
<thead>
<tr>
<th>CONTENT INVENTORY</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inventory Reporting Format</td>
<td>Threshold Disclosed Per</td>
<td>Residuals/Impurities Considered in 1 of 4 Materials</td>
</tr>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
<td>Per GHS SDS</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
<td>Per OSHA MSDS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other</td>
</tr>
</tbody>
</table>

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

5/19/2021
Product description

CSI classification

Nordic X-Lam
by Nordic Structures

CLASSIFICATION: 0617 1900 Cross-Laminated Timber

PRODUCT DESCRIPTION: Nordic X-Lam cross-laminated timber (CLT) is composed of cross-wise Spruce-Pine-Fir (S-P-F) and/or Black Spruce species boards, forming a slab/panel product up to 15 inches thick, 8 feet wide, and 64 feet long. The result is a building material high in resistance and stiffness, that can easily substitute steel or concrete.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

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

Threshold Disclosed Per

- Material
- Product

Residuals/Impurities

Residuals/Impurities Considered in 1 of 4 Materials

All Substances Above the Threshold Indicated Are:

Characterized

- Yes Ex/SC
- No

Screened

- Yes Ex/SC
- No

Identified

- Yes Ex/SC
- No

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

% weight and role provided for all substances.

All substances screened using Priority Hazard Lists with results disclosed.

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

Nordic X-Lam by Nordic Structures

CLASSIFICATION: 06.17.19 00 Cross-Laminated Timber

PRODUCT DESCRIPTION: Nordic X-Lam cross-laminated timber (CLT) is composed of cross-wise Spruce-Pine-Fir (S-P-F) and/or Black Spruce species boards, forming a slab/panel product up to 15 inches thick, 8 feet wide, and 64 feet long. The result is a building material high in resistance and stiffness, that can easily substitute steel or concrete.

Section 1: Summary

Nested Method / Product Threshold

<table>
<thead>
<tr>
<th>CONTENT INVENTORY</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inventory Reporting Format</td>
<td>100 ppm</td>
<td>Residuals/Impurities Considered in 1 of 4 Materials</td>
</tr>
<tr>
<td></td>
<td>1,000 ppm</td>
<td></td>
</tr>
<tr>
<td>Threshold Disclosed Per</td>
<td>Per GHS SDS</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Per OSHA MSDS</td>
<td>Residuals/Impurities?</td>
</tr>
<tr>
<td>Product</td>
<td>Other</td>
<td>Yes</td>
</tr>
</tbody>
</table>

All Substances Above the Threshold Indicated Are:

- Characterized: Yes Ex/SC Yes Yes No
  % weight and role provided for all substances.

- Screened: Yes Ex/SC Yes Yes No
  All substances screened using Priority Hazard Lists with results disclosed.

- Identified: Yes Ex/SC Yes 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.
How transparent is it?

**Characterized**
- Yes/No

**Screened**
- Yes/No

**Identified**
- Yes/No

---

**Nordic X-Lam by Nordic Structures**

**CLASSIFICATION:** 06 17 19 00 Cross-Laminated Timber

**PRODUCT DESCRIPTION:** Nordic X-Lam cross-laminated timber (CLT) is composed of cross-wise Spruce-Pine-Fir (S-P-F) and/or Black Spruce species boards, forming a slab/panel product up to 15 inches thick, 8 feet wide, and 64 feet long. The result is a building material high in resistance and stiffness, that can easily substitute steel or concrete.

---

**CONTENT INVENTORY**

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Considered in 1 of 4 Material(s)</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td></td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>Per OSHA MSDS</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**All Substances Above the Threshold Indicated Are:**

- **Characterized**
  - Yes Ex/SC
  - Yes
  - No

- **Screened**
  - Yes Ex/SC
  - Yes
  - No

- **Identified**
  - Yes Ex/SC
  - Yes
  - No

% weight and role provided for all substances.

All substances screened using Priority Hazard Lists with results disclosed.

One or more substances not disclosed by Name (Specific or Generic) and identifier and/or one or more Special Condition did not follow guidance.
What’s in it, and what are the hazards?
End Result?

Today, HPDs provide transparency and detailed material health reporting for well over 20,000 building products.
How Are HPDs Created?

Manufacturer Information
Hello Mary

Below you’ll find links to the Workspaces for all of the companies you have access to. Pick a company and let’s get to work.
Adding a new product

Dashboard / Create a New Product

Add A New Product

New Product Name: BioPaint Plus

Cancel  Create Product
BioPaint Plus by HPD Demos

Create a new HPD Record

- Nested Materials Inventory
- Basic Inventory

Products Menu
- List All Products
- Product Details
- Edit Product
- Archives: HPD v2.2
- Repository: HPD v2.1.1

You are currently working in the HPD Demos workspace.
Section 1 – Product Level General Information
CSI MasterFormat® Classification Search

Below you can search the CSI MasterFormat® Numbers and Titles for terms that apply to your product.
You'll want to search for terms like "Wood" or "Electric" or "Carpet" etc.
Once the API is searched you'll be presented with a list of MasterFormat® Classifications, which will be available to select and insert into the Classifications field.

Form more information on CSI MasterFormat, check out their [website here](#).

**Filter:**

- Search Classifications

**Division** | **Section**
--- | ---
09 Finishes | 09 68 03 Carpeting
26 Electrical | 26 05 19.13 Undercarpet Electrical Power Cables
09 Finishes | 09 70 03 Wall Carpeting
09 Finishes | 09 65 00 Resilient Flooring
09 Finishes | 09 68 13 Tile Carpeting
09 Finishes | 09 60 00 Access Flooring
09 Finishes | 09 68 16 Sheet Carpeting

**Actions:**
- Insert
Section 1 – Product Description, Threshold and Notes

This product has undergone the Cradle to Cradle Certification™ material health evaluation and has achieved Silver level certification. The assessment is conducted by an accredited assessor with expertise in toxicology and chemistry. Companies pursuing certification commit to phasing out problematic ingredients that have been identified. The material health score indicates how much progress has been made in optimizing the product. Sustain’s standard broadloom, High PerformancePC, and tile products, Sustain®

CS Division and CSI Section have been removed from the form and are now completed in the background.

* Indicates required field
Section 1: Summary

2.1.1.3 Classification

Identifier associated with the product. The six-digit Construction Specifications Institute MasterFormat® designation is the primary and preferred identifier. Additional Identifiers (e.g., UniClass, National Building Specification, NATSPEC) may be used if there is no MasterFormat designation or may be listed in the Product Description [See 2.1.1.4]. In instances where multiple classifications apply, the primary identifier is indicated for Classification and others are listed in the Product Description or HPD Format Section 5: General Notes [See 2.5]. In instances where no classifications apply (e.g., if the HPD is for a material that is typically used as a part of a product rather than delivered for use independently), “N/A” is indicated for Classification with an explanation in the Product Description [See 2.1.1.4].

2.1.1.4 Product Description

Brief description of the product.
Section 1: VOC Content Data Required?

**Reminder:** This section is for VOC content data. All HPDs require a VOC Emissions Certification entry on section 3. If your product is a liquid or is wet applied, you will also need to enter VOC Content Certification entry.

**General Information on VOCs**
- This HPD is for a product that is *NOT* liquid/wet applied
- This HPD is for a product that IS liquid/wet applied

[Save VOC]
Section 1: Enter VOC Content Data, if Applicable

Green Carpet Tile

Volatile Organic Compound Content Data (Section 1: Summary)

** Reminder: This section is for VOC content data. All HPDs require a VOC Emissions Certification entry on section 3. If your product is a liquid or is wet applied, you will also need to enter VOC Content Certification entry.

General Information on VOCs *

- This HPD is for a product that is NOT liquid/wet applied.
- This HPD is for a product that IS liquid/wet applied.

** Important: If this HPD is for a liquid or wet applied product, the fields with asterisks below are required, and you must create a VOC Content Certificate.

Material (g/l) *

8

Regulatory (g/l) *

12

Does the product contain exempt VOCs? *

- Yes - the product contains VOCs that are exempted by EPA from regulatory reporting and therefore will not be included in the VOC content totals.
- No - the product does not contain EPA exempt VOCs.

Are ultra-low VOC tints available? *

- N/A - the product is not tintable at the point of retail sale.
- Yes - product is tintable and tints that meet the South Coast Air Quality Management District (SCAQMD) Super Compliant Coatings definition and/or Federal Trade Commission (FTC) guidance for VOC free claims are offered by the manufacturer to distributors for this product, resulting in the addition of less than 10 g/l of VOC content for any combination of tints.
- No - Ultra-low tints are not available from distributors of this product.
Adding materials

Add Standard Material

- Add A New Material Name
  - Material Name...

- Do not disclose the name of this material on the HPD

- Material Type
  - Search Material Types...

- Weight Percentage (minimum)
  - Minimum Weight...

- Weight Percentage (maximum)
  - Maximum Weight...

- Other Material Notes
  - Other Material Notes...

- Do not disclose the name of this material on the HPD

- Material Type
  - Search Material Types...

- Weight Percentage (minimum)
  - Minimum Weight...

- Weight Percentage (maximum)
  - Maximum Weight...

- Other Material Notes
  - Other Material Notes...

- HPD URL:
  - HPD URL...

- Residuals/Impurities
  - Not Considered
  - Partially Considered
  - Considered

- Residuals and Impurities Notes
  - Residuals and Impurities Notes...

- HPD URL:
  - HPD URL...

- Residuals/Impurities
  - Not Considered
  - Partially Considered
  - Considered

- Residuals and Impurities Notes
  - Residuals and Impurities Notes...
Materials library allows reuse of previously added materials
Section 2: Enter Substances for Nested and Basic Inventories
### General Information

**Section 1 Summary**
Enter product information and thresholds.

### VOC Content Data

**Section 1 Summary**
Enter VOC content data.

### Materials

**Section 2 Inventory**
Enter materials for your product.

### Substances

**Section 2 Inventory**
Enter substances for your materials.

### Certifications

**Section 3 Certification & Compliance**
Enter documentation details.

### Accessories

**Section 4 Accessories**
Enter product accessory information.

### General Notes

**Section 5 General Notes**
Enter additional notes.

### Contact Info & Publication

**Section 6 References**
Enter references and publish your HPD.

---

### Substance Table

<table>
<thead>
<tr>
<th>Name</th>
<th>Material</th>
<th>GS</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Si(2)-alumane, Si(1)-silane (TEST)</td>
<td>Board</td>
<td>LFP1</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>Board</td>
<td>BM-4</td>
<td></td>
</tr>
<tr>
<td>(decyloxy)methyloxtrane</td>
<td>Board</td>
<td>LFP1</td>
<td></td>
</tr>
<tr>
<td>ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS</td>
<td>Board</td>
<td>LTUNK</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>Board</td>
<td>LT-1</td>
<td></td>
</tr>
</tbody>
</table>

Showing 1 to 5 of 8 records

**Last Screened On:** Thu, Jan 21, 2021 10:28 AM

Each substance in an HPD is screened at the time it's added, the screening date is then updated if needed. To re-screen all substances and update the screened date, simply click the Re-screen Substances button below.
Substance Lookup

23

($^{\infty}(2)$- alumane,$^{\infty}(1)$- selenane [23330-87-2]

(-) Germacrene D [23986-74-5]

(1,1-dibromo-2,2,2-trifluoroethyl)-phenylmercury [231630-91-4]

(1-naphthyl)methyl)triphenyolphosphonium chloride [23277600-1]

(1R)-1,2,3,4-tetrahydro-1-naphthalen-1-amine [23357-46-2]

(1R-cis)-3-(isopropyl)-6-methylcyclohex-2-en-1-ol [23733-66-6]
Add Standard Substance

Select a Material to add the Substance to *

Select Material ...

Substance Name *

$\text{Si}(2)$-alumina,$\text{Si}(1)$-silane

Do not disclose the name of this substance on the HPDO

Minimum Percentage *

Maximum Percentage

This substance is an impurity or residual

Is this product a nano material? *

Yes  No  Unknown

Substance Role *

Start typing and select from the list displayed

Search Substance Roles ...

Recycled Content *

- Both (Pre and Post Consumer)
- PostC (Post Consumer)
- PreC (Pre Consumer)
- None
- UNK (Unknown)

Substance Notes
Another Option - Sending a data request to a Supplier

Welcome to the HPD Collaborative Factory

Your factory floor is designed for you to create various assemblies that can be imported into your HPDs. Whether it be a Supplier Part for your product from an external supplier, creating preset Materials or References, or even importable Accessories. You now have a way to create reusability by adding an element to a library.

From the new Factory tab in the Builder UI, you can import items from any of the below libraries directly into your HPD, then make adjustments for the specific product. All this makes building an HPD a snap and allows for reuse, saving you time and money.
Section 3: Certifications

Green Carpet Tile

Certifications (Section 3: Certifications & Compliance)

<table>
<thead>
<tr>
<th>Name</th>
<th>Created On</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRI Green Label Plus - Carpets</td>
<td>2021-05-04</td>
</tr>
</tbody>
</table>

One record

Actions

Add Certification
Section 4: Accessory Products used in installation, maintenance, etc.
<table>
<thead>
<tr>
<th>Accessory Product or Material Name</th>
<th>URL for Companion Health Product Declaration</th>
<th>Condition When Recommended or Required and/or Other Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessory Product or...</td>
<td>URL for Companion Health...</td>
<td>Condition When Recommended...</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 5: General Notes

Green Carpet Tile

General Notes

This product has undergone the Cradle to Cradle Certification™ material health evaluation and has achieved Silver level certification. The assessment is conducted by an accredited assessor with expertise in toxicology and chemistry. Companies pursuing certification commit to phasing out problematic ingredients that have been identified. The material health score indicates how much progress has been made in optimizing the product. Sustain's standard broadloom, High Performance PC, and tile products, Sustain Hardback and Sustain Cushion, have both been certified at the Silver Level under version 2.0.

2. Beauty. Service. Quality. Partnership. For over 30 years, these tenants have driven Sustain Carpets - California's largest carpet design and manufacturing corporation. Our award-winning broadloom, carpet tile and area rug products exude high performance and have earned superior Textile Appearance Retention Ratings (TARR), Cradle to Cradle, Green Label Plus certification and NSF-140 Gold certifications. Sustain Carpets manufactures in a LEED for Existing Buildings Gold Certified facility.

Save General Notes
Section 6: Responsible Person - Contact Info & Publication

Green Carpet Tile

References (Section 6: References)

Address Line 1 *
1234 Tile Byway

Address Line 2
Address Line 2...

City *
City of Sustainability

State or Province *
CA

Postal Code *
98210

Country *
USA

Website *
www.SustainCarpet.com

Contact *
Bruce Wayne

Title *
Sustainability Specialist

Phone *
555-555-5555

Email *
Bruce.wayne@SustainCarpet.com

The LEED Pre-Check Indicator helps you determine whether an HPD meets LEED requirements and can be used to achieve Material Ingredients credit Options 1 and/or 2. Once your HPD is complete, simply click the Conduct a LEED Pre-Check button below to see results.

Lead Pre-Check Status: Disabled

Preview Conduct LEED v4 Precheck

Publish HPD Save References
Publishing Your HPD Requires Compliance with HPD Open Standard

Green Carpet Tile

Materials (Section 2: Content Inventory)

Name: [Name]
Created On: [Created On]

Filter by Name
Filter by Created On

Compliance Inspector

Materials Compliance Results:
Total Tests: 13
Passed: 13
Failed: 0
Suggestions: 2

Current Status: Publishable

If you have any questions about how to complete issues listed below, please use the Instruction Panel in the Builder Interface, or consult the HPD Open Standard.

Suggestions for Improvement:
- Other Material Notes
  * Other material notes for (Board) missing.
  * Other material notes for (Facer) missing.

Factory Lookup
Appendix: Factory Libraries
Import Library items into your record.

General Information
Section 7: Summary
Enter product information and threshold.

VOC Content Data
Section 7: Summary
Enter VOC content data.

Materials
Section 2: Content Inventory (Nested)
Enter materials for your product.

Substances
Section 2: Content Inventory
Enter substances for your materials.

Certifications
Section 4: Certification & Compliance
Enter documentation details.

Accessories
Section 4: Accessories
Enter product accessory information.

General Notes
Section 6: General Notes
Enter additional notes.
Optional - LEED v4 Precheck

Dashboard / Green Carpet Tile / Build Record

Green Carpet Tile

References (Section 6 References)

Address Line 1 *
1234 Tile Byway

Address Line 2

Address Line 2 *

City *
City of Sustainability

State or Province *
CA

Postal Code *
98210

Country *
USA

Website *
www.sustaincarpets.com

Contact *
Bruce Wayne

Title *
Sustainability Specialist

Phone *
555-555-5555

Email *
Bruce.wayne@sustaincarpets.com

The LEED Pre-Check Indicator helps you determine whether an HPD meets LEED requirements and can be used to achieve Material Ingredients credit Options 1 and/or 2. Once your HPD is complete, simply click the Conduct a LEED Pre-Check button below to see results.

Leed Pre-Check Status: Precheck for LEED v4 Material ingredients
Option 1 PASSED Option 3 FAILED Click here for details.

Display Results on HPD

Prev | Cancel LEED v4 Precheck

Publish HPD

Save References

5/19/2021
Green Carpet Tile by HPD Collaborative

HPD UNIQUE IDENTIFIER: (available when published)
CLASSIFICATION: 09 68 13 Tile Carpeting
PRODUCT DESCRIPTION: This HPD covers all products on Sustain Carpet’s Sustain® Cushion Tile. Products construction includes Nylon 6.6 face fiber, thermoplastic laminate, polyurethane cushion and Sustain® scrim.

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method
- Threshold disclosed as
  - Material
  - Product
Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other
Residuals/Impurities
- Considered in 0 of 2 Materials
- Explanation(s) provided for Residuals/Impurities?
- Yes
- No

Nested Method / Product Threshold

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
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 other screening methods.

Number of Greenscreen BM-4/BM3 contents: 1
Contents highest concern Greenscreen Benchmark or List translator Score: LT-1.
Find all Published HPDs - HPD Public Repository
Thank You!

HPDC Website – [https://www.hpd-collaborative.org/](https://www.hpd-collaborative.org/)
HPD Builder – [https://www.hpd-collaborative.org/builder/](https://www.hpd-collaborative.org/builder/)

John Geyer – HPDC Program Director – [jegeyer@hpd-collaborative.org](mailto:jegeyer@hpd-collaborative.org)

Wendy Vittori – HPDC Executive Director – [wdvittori@hpd-collaborative.org](mailto:wdvittori@hpd-collaborative.org)
3. Transparency Catalog overview & demo
The only end-to-end product transparency solutions provider in the market today.

- Program operation – PCR / EPD development
- LCA and material ingredient assessment services
- Innovative cloud-delivered transparency reporting tools, training and education

Our solutions are designed to seamlessly integrate product transparency into product marketing to build credibility, preference and value for brands.
HPD Technical Support

Train you to do it on your own; operationalize into your product development processes

We start where you are. Can be used for (but not limited to):

Getting started creating HPDs or reviewing ongoing work – peace of mind you're doing it right.

• Usually not area of expertise, doing as a 'side project'; haven’t had time to thoroughly read HPD Standard, unsure how to handle a specific material, choose a CAS# or a special condition
• Someone to reach out to to respond quickly, check your work

Assess safety data sheet — easy way to get started w.o starting from zero.

• SM can look at your internal documentation and identify gaps to fill to make it eligible for LEED
• May or may not have to reach back out to suppliers for additional data

Keeping supplier's confidential information, confidential.

• Even when MFR has built HPD themselves
• SM signs NDA w/ supplier and adds the data to the HPD in MFR’s account.

$3,000 – 20-hour package, use as needed, good for 1 year
Mapping disclosures to green building rating systems

Rating system search filters display products & disclosures eligible to contribute to each credit option as listed here.

transparencycatalog.com/rating-systems
Using HPD 2.2 for USGBC’s LEED v4 Material Ingredients Credit

Section 1: Summary

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 1: Must be 100 ppm or 1,000 ppm

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

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.

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 Building Construction®. The HPD does not assess whether using or handling this product will expose individuals to its constituent substances or any health risks. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

Number of Greenscreen BM-EM-3 contents:
Contents highest concern GreenScreen Benchmark or List translator Scope
Nonattainable:
INVENTORY AND SCREENING NOTES:

How we use the HPD Builder API

SM expert data team reviews each HPD for:

- MasterFormat® section
- Rating systems credit eligibility
- Scope & results for Standard listings
- Expiration date for all

Then adds every published HPD (repository link) in the appropriate MasterFormat section to ensure accurate findability.

Standard listing
Products correlated to disclosures w/ results info & explanation

Free listing
Disclosures only: HPD name, link, expiration

© Sustainable Minds 2021
How we use the HPD Builder API

SM expert data team reviews each HPD for:
- MasterFormat® section
- Rating systems credit eligibility
- Scope & results for Standard listings
- Expiration date for all

Then adds every published HPD (repository link) in the appropriate MasterFormat section to ensure accurate findability.

Handy tooltip
To explain scope and results in a glance
**Standard listings include EVERY product the HPD covers**
Find all eligible products for WELL & LEED optimization credits, in 1 click.
Find all products by disclosure type, in 1 click.
Company Listing

- Branded company information
- Let us know when you select or spec
- Partner links
- List of products linking to your website product pages
- More company information

Customized social media tools

Download guide spec

CSI MasterFormat section names + brand names

Links to associated disclosures with key attributes & expiration dates
People select & specify PRODUCTS with disclosures, not just disclosures.

Standard and Featured Brands with products are displayed FIRST. This ensures 5–10X greater visibility in every Master Format section over a free listing.
1 Subscription, 4 Deliverables = Turnkey educational marketing & sales enablement solution

Digital and virtual components to get your brand & products in front of the most targeted and motivated AECOs and dramatically improve the efficiency and effectiveness of your sales, marketing and education efforts.

1. Featured and Standard listings
   Brand & product visibility, get your products found & specified; proven formats + curated content w/expert guidance; communication, social & SEO built in.

2. Analytics Dashboard
   Not just for your company, but for all companies in the Transparency Catalog to understand what's happening across the industry.

3. Webinar: Transparency is the New Green
   Gets your brand, stories and products out to 1.3M+ targeted AECOs. The opposite of a CEU.

4. Services:
   - Customer success & guidance to support launch and ongoing.
   - Sales training for reps & distributors about transparency & using the TC in daily activities.
   - Social media at launch and key announcements.
Find out why AECOs and MFRs prefer it and use it.
The Transparency Catalog includes every building product MFR in North America investing in product transparency, now across 27 MasterFormat® divisions and 900+ sections.

“As a Materials Pledge signatory, we are constantly searching for the best tools to connect us with the MFRs investing in transparency. The Transparency Catalog streamlines our efforts and saves us critical time by providing a one-stop shop with up-to-date information, powerful filtering and a very user-friendly interface with easy to understand guidance.”
– Jay Hindmarsh AIA, CDT, CCS, LEED AP, WELL AP, Associate Principal, Mahlum Architects

"The Transparency Catalog has been an important additional tool toward achieving our firm-wide goals toward a non-toxic, environmentally preferable, and more transparent materials market. The robust and easy-to-find data helps streamline our process and allows designers to spend more time focused on design rather than data-mining."
– Tori Wickard AIA, LEED AP, Project Architect, Associate, Co-Leader Material Performance Taskforce, Perkins & Will

"Sustainable Minds continues to up the game in product transparency with v3.0. With increased functionality and even more integration of GAF product data and information, they are providing an even better tool for our customers and business partners to find and select our products."
– Jeff Terry, VP, CSR & Sustainability, GAF Materials Corporation
Find out why AECOs and MFRs prefer it and use it.
It’s the only high-performance product platform designed as a specification tool.
Find all brands in a MasterFormat® section in 1 click, see all products & results in a glance.

1. We make it super easy to find, specify & procure products for high performance building projects.
The Transparency Catalog includes ONLY MFRs who have invested in product transparency and only those products with disclosures. Designed and curated by Sustainable Minds’ product transparency and user experience experts it has many advantages compared to any other resource.
   - Superior ease of use
   - Superior site navigation
   - Superior layout and access to information
   - Superior usefulness of information
   - Search quickly and efficiently, results display provide continuous comparisons

2. All MFR info is current & connected directly to MFR sites. No managing lots of content someplace else.
We link to product pages on your web site to drive users there for comprehensive info. That’s why you have a web site.

3. Always free to use with no login. Privacy and transparency go together.
Our business model does not depend on selling analytics about users’ behavior. AECOs REALLY like this.
They are tired of setting up accounts, remembering passwords and know that their data will be used in other ways.
Thank you!

transparencycatalog.com
terry@sustainableminds.com
info@sustainableminds.com

hpdcollaborative.org
hpdcollaborative.org/builder
wdvittori@hpdcollaborative.org
jegeyer@hpdcollaborative.org