**FLEX MS-45**

**by ISOMAT S.A.**

**HPD UNIQUE IDENTIFIER:** 889443328

**CLASSIFICATION:** 07 92 00 Joint Sealants

**PRODUCT DESCRIPTION:** Powerful, hybrid, multi-purpose, elastomeric adhesive and sealant. Used for powerful and elastic bonding. Prevents fungi growth. Features high mechanical strength and resistance to aging and weather conditions. Adheres perfectly to all building materials, e.g. glass, aluminium, wood, PVC, etc., even to wet substrates. Overpaintable once cured.

**Section 1: Summary**

**Basic Method / Product Threshold**

**Threshold Level**
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other

**Residuals/Impurities Evaluation**
- Completed
- Partially Completed
- Not Completed

For all contents above the threshold, the manufacturer has:
- Characterized
- Provided weight and role.
- Screened
- Provided screening results using HPDC-approved methods.
- Identified
- Provided name and CAS RN or other 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.

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

- **FLEX MS-45**
  - POLYPROPYLENE GLYCOL
  - LT-UNK
  - UNDISCLOSED
- **BM-3dg**
  - TITANIUM DIOXIDE
  - LT-1
  - CAN
  - END
  - UNDISCLOSED
- **LT-P1**
  - MUL
  - UNDISCLOSED
  - BM-1p
  - SKI
- **UNDISCLOSED**
  - BM-1
  - MUL
  - UNDISCLOSED
  - LT-UNK
  - UNDISCLOSED
  - LT-1
  - END
  - DEV
  - REP
  - MUL
  - CAN
  - MAM
  - GEN

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): <1
Regulatory (g/l): <1
Does the product contain exempt VOCs: No
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

**CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional listings.

- VOC emissions: Emicode EC1 PLUS- very low emission
- VOC content: Decorative Paint Directive 2004/42/CE (calculation method) - Phase 2
- VOC content: SCAQMD Rule 1168 Adhesive and Sealant Applications - Adhesives for Wood Flooring, Rubber Floor, Ceramic Tile, Multipurpose Construction, Structural Glazing and Contact, as amended 1/7/05

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

**VINYL VACUUM CONCENTRATION CONTENT**

<table>
<thead>
<tr>
<th>Material (g/l)</th>
<th>Regulatory (g/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;1</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

Third Party Verified?
- Yes
- No

**PREPARER:** Self-Prepared

**VERIFIER:**

**VERIFICATION #:**

**SCREENING DATE:** 2021-09-30

**PUBLISHED DATE:** 2024-04-17

**EXPIRY DATE:** 2024-09-30
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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

<table>
<thead>
<tr>
<th>FLEX MS-45</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRODUCT THRESHOLD:</strong> 1000 ppm</td>
</tr>
<tr>
<td><strong>RESIDUALS AND IMPURITIES NOTES:</strong> No residuals or impurities are expected to be present in the product at or above the reporting threshold.</td>
</tr>
<tr>
<td><strong>OTHER PRODUCT NOTES:</strong> See Safety Data Sheet for occupational exposure information.</td>
</tr>
</tbody>
</table>

**POLYPROPYLENE GLYCOL**

<table>
<thead>
<tr>
<th><strong>ID:</strong> 25322-69-4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARD DATA SOURCE:</strong> Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td><strong>%:</strong> 40.0000 - 60.0000</td>
</tr>
<tr>
<td><strong>HAZARD TYPE</strong></td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>ADDITIONAL LISTINGS</strong></td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong> The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNDISCLOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ID:</strong> Undisclosed</td>
</tr>
<tr>
<td><strong>HAZARD DATA SOURCE:</strong> Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td><strong>%:</strong> 30.0000 - 50.0000</td>
</tr>
<tr>
<td><strong>HAZARD TYPE</strong></td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>ADDITIONAL LISTINGS</strong></td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong> The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TITANIUM DIOXIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ID:</strong> 13463-67-7</td>
</tr>
</tbody>
</table>

FLEX MS-45

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UNDISCLOSED
ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2021-10-06 4:30:48

%: 1.0000 - 10.0000
GreenScreen: LT-UNK
RC: UNK
NANO: Unknown
SUBSTANCE ROLE: Viscosity modifier

HAZARD TYPE
LIST NAME AND SOURCE WARNINGS
None found
No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS
LIST NAME AND SOURCE NOTIFICATION
None found
No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED
ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2021-10-06 4:25:08

%: 1.0000 - 5.0000
GreenScreen: LT-P1
RC: UNK
NANO: Unknown
SUBSTANCE ROLE: Stabilizer

HAZARD TYPE
LIST NAME AND SOURCE WARNINGS
None found
No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS
LIST NAME AND SOURCE NOTIFICATION
None found
No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.
### HAZARD TYPE

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>LIST NAME AND SOURCE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUL</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

### ADDITIONAL LISTINGS

<table>
<thead>
<tr>
<th>LIST NAME AND SOURCE</th>
<th>NOTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No listings found on Additional Hazard Lists</td>
</tr>
</tbody>
</table>

### SUBSTANCE NOTES:
The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

### UNDISCLOSED

**ID:** Undisclosed

**HAZARD DATA SOURCE:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2021-10-06 4:26:03

<table>
<thead>
<tr>
<th>%: 1.0000 - 5.0000</th>
<th>GreenScreen: BM-1tp</th>
<th>RC: UNK</th>
<th>NANO: Unknown</th>
<th>SUBSTANCE ROLE: Desiccant</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>LIST NAME AND SOURCE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL LISTINGS</th>
<th>LIST NAME AND SOURCE</th>
<th>NOTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No listings found on Additional Hazard Lists</td>
<td></td>
</tr>
</tbody>
</table>

### SUBSTANCE NOTES:
The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

### UNDISCLOSED

**ID:** Undisclosed

**HAZARD DATA SOURCE:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2021-10-06 4:29:52

<table>
<thead>
<tr>
<th>%: 0.0000 - 5.0000</th>
<th>GreenScreen: BM-1</th>
<th>RC: UNK</th>
<th>NANO: Unknown</th>
<th>SUBSTANCE ROLE: Heat or UV stabilizer</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>LIST NAME AND SOURCE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUL</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL LISTINGS</th>
<th>LIST NAME AND SOURCE</th>
<th>NOTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No listings found on Additional Hazard Lists</td>
<td></td>
</tr>
</tbody>
</table>

### SUBSTANCE NOTES:
The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.
### UNDISCLOSED

**HAZARD DATA SOURCE:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-07 3:28:00

<table>
<thead>
<tr>
<th>%: 0.0000 - 5.0000</th>
<th>GreenScreen: LT-UNK</th>
<th>RC: UNK</th>
<th>NANO: Unknown</th>
<th>SUBSTANCE ROLE: Adhesive</th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
**LIST NAME AND SOURCE**  
**WARNINGS**

None found  
No warnings found on HPD Priority Hazard Lists

**ADDITIONAL LISTINGS**  
**LIST NAME AND SOURCE**  
**NOTIFICATION**

None found  
No listings found on Additional Hazard Lists

**SUBSTANCE NOTES:** The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards

### UNDISCLOSED

**HAZARD DATA SOURCE:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-06 4:36:13

<table>
<thead>
<tr>
<th>%: 0.0000 - 1.0000</th>
<th>GreenScreen: LT-1</th>
<th>RC: UNK</th>
<th>NANO: Unknown</th>
<th>SUBSTANCE ROLE: Catalyst</th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
**LIST NAME AND SOURCE**  
**WARNINGS**

END  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

END  
ChemSec - SIN List  
Endocrine Disruption

DEV  
MAK  
Pregnancy Risk Group B

REP  
EU - Annex VI CMRs  
Reproductive Toxicity - Category 1B

MUL  
ChemSec - SIN List  
CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

MUL  
German FEA - Substances Hazardous to Waters  
Class 3 - Severe Hazard to Waters

CAN  
MAK  
Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

REP  
EU - REACH Annex XVII CMRs  
Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans

REP  
EU - GHS (H-Statements)  
H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]

REP  
GHS - Japan  
H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]

REP  
GHS - Australia  
H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]

MAM  
EU - GHS (H-Statements)  
H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]

GEN  
EU - GHS (H-Statements)  
H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
<table>
<thead>
<tr>
<th>ADDITIONAL LISTINGS</th>
<th>LIST NAME AND SOURCE</th>
<th>NOTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No listings found on Additional Hazard Lists</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.
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

<table>
<thead>
<tr>
<th>Certifying Party: Third Party</th>
<th>Emicode EC1 PLUS- very low emission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable Facilities: All</td>
<td>Issue Date: 2021-07-30 00:00:00</td>
</tr>
<tr>
<td>Certificate URL: <a href="https://www.isomat.eu/product/flex-ms-45-2-en/">https://www.isomat.eu/product/flex-ms-45-2-en/</a></td>
<td>Expiry Date: 2026-07-30 00:00:00</td>
</tr>
<tr>
<td>Certifier or Lab: Eurofins Product Testing A/S</td>
<td></td>
</tr>
</tbody>
</table>

Certification and Compliance Notes: Meets LEED V4 Credit “Low Emitting Materials” Emissions Requirements.

VOC CONTENT

<table>
<thead>
<tr>
<th>Certifying Party: Self-declared</th>
<th>Decorative Paint Directive 2004/42/CE (calculation method) - Phase 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable Facilities: All</td>
<td>Issue Date: 2021-10-06 00:00:00</td>
</tr>
<tr>
<td>Certificate URL:</td>
<td>Expiry Date:</td>
</tr>
<tr>
<td>Certifier or Lab: SELF-DEclared</td>
<td></td>
</tr>
</tbody>
</table>

Certification and Compliance Notes:

VOC CONTENT

<table>
<thead>
<tr>
<th>Certifying Party: Third Party</th>
<th>SCAQMD Rule 1168 Adhesive and Sealant Applications - Adhesives for Wood Flooring, Rubber Floor, Ceramic Tile, Multipurpose Construction, Structural Glazing and Contact, as amended 1/7/05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable Facilities: All</td>
<td>Issue Date: 2021-10-07 00:00:00</td>
</tr>
<tr>
<td>Certificate URL:</td>
<td>Expiry Date:</td>
</tr>
<tr>
<td>Certifier or Lab: SELF-ASSESSED</td>
<td></td>
</tr>
</tbody>
</table>

Certification and Compliance Notes: Meets LEED V4.1 Credit “Low Emitting Materials” Emissions Requirements.

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

The content of this product was assessed for health hazard warnings using PHAROS. FLEX MS-45 does not contain intentionally the following:

- Alkylphenols
- Asbestos
- Bisphenol A (BPA)
- Cadmium
- Chlorinated Polyethylene & Chlorosulfonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (all types-added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
- Phthalates
- Polyvinyl Chloride (PVC)
- Polyvinylidene Chloride (PVDC)
- Short Chain Chlorinated Paraffins
- Wood treatments containing Creosote, Arsenic or entachlorophenol

FLEX MS-45

HPD v2.3 created via HPDC Builder Page 7 of 9
**MANUFACTURER INFORMATION**

**MANUFACTURER:** ISOMAT S.A.  
**ADDRESS:** 17 km Thessaloniki - Agios Athanasios THESSALONIKI, CENTRAL MACEDONIA 57003  
**COUNTRY:** GREECE  
**CONTACT NAME:** STAVROS MOSCHIDIS  
**TITLE:** REGULATORY AFFAIRS MANAGER  
**PHONE:** + 30 2310576000  
**EMAIL:** ST.MOSCHIDIS@ISOMAT.GR

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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU</td>
<td>Aquatic toxicity</td>
</tr>
<tr>
<td>CAN</td>
<td>Cancer</td>
</tr>
<tr>
<td>DEV</td>
<td>Developmental toxicity</td>
</tr>
<tr>
<td>END</td>
<td>Endocrine activity</td>
</tr>
<tr>
<td>EYE</td>
<td>Eye irritation/corrosivity</td>
</tr>
<tr>
<td>GEN</td>
<td>Gene mutation</td>
</tr>
<tr>
<td>GLO</td>
<td>Global warming</td>
</tr>
<tr>
<td>LAN</td>
<td>Land toxicity</td>
</tr>
<tr>
<td>MAM</td>
<td>Mammalian/systemic/organ toxicity</td>
</tr>
<tr>
<td>MUL</td>
<td>Multiple</td>
</tr>
<tr>
<td>NEU</td>
<td>Neurotoxicity</td>
</tr>
<tr>
<td>NF</td>
<td>Not found on Priority Hazard Lists</td>
</tr>
<tr>
<td>OZO</td>
<td>Ozone depletion</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, bioaccumulative, and toxic</td>
</tr>
<tr>
<td>PHY</td>
<td>Physical hazard (flammable or reactive)</td>
</tr>
<tr>
<td>REP</td>
<td>Reproductive</td>
</tr>
<tr>
<td>RES</td>
<td>Respiratory sensitization</td>
</tr>
<tr>
<td>SKI</td>
<td>Skin sensitization/irritation/corrosivity</td>
</tr>
<tr>
<td>UNK</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**GreenScreen (GS)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-1</td>
<td>Benchmark 1 (avoid - chemical of high concern)</td>
</tr>
<tr>
<td>BM-2</td>
<td>Benchmark 2 (use but search for safer substitutes)</td>
</tr>
<tr>
<td>BM-3</td>
<td>Benchmark 3 (use but still opportunity for improvement)</td>
</tr>
<tr>
<td>BM-U</td>
<td>Benchmark Unspecified (due to insufficient data)</td>
</tr>
<tr>
<td>BM-4</td>
<td>Benchmark 4 (prefer-safer chemical)</td>
</tr>
<tr>
<td>LT-P1</td>
<td>List Translator Possible 1 (Possible Benchmark-1)</td>
</tr>
<tr>
<td>LT-1</td>
<td>List Translator 1 (Likely Benchmark-1)</td>
</tr>
<tr>
<td>LT-UNK</td>
<td>List Translator Benchmark Unknown</td>
</tr>
<tr>
<td>NoGS</td>
<td>No GreenScreen.</td>
</tr>
</tbody>
</table>

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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpdc-collaborative.org](http://hpdc-collaborative.org)).

**Recycled Types**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PreC</td>
<td>Pre-consumer recycled content</td>
</tr>
<tr>
<td>PostC</td>
<td>Post-consumer recycled content</td>
</tr>
<tr>
<td>UNK</td>
<td>Inclusion of recycled content is unknown</td>
</tr>
<tr>
<td>None</td>
<td>Does not include recycled content</td>
</tr>
</tbody>
</table>

**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

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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.