Overview of LEED requirements for using HPD 2.1.1

The credit contains three Options; HPDs can be used to meet requirements of two of these Options – Option 1: Material Ingredient Reporting and Option 2: Material Ingredient Optimization, but not Option 3: Product Manufacturer Supply Chain Optimization. USGBC publishes requirements for credits in the credit language, in the reference guide material for each credit, and in periodic addenda and interpretations.

**Option 1: Material ingredient reporting**
LEED v4 requirements for the HPD 2.1.1 are:
- Ingredients reported down to at least 0.1% (1,000 ppm).
- Role/ function, amount, and health hazards reported for all listed ingredients, including those that are not “Identified” (“Undisclosed” or “Unknown”).
- Indication of whether residuals and impurities were considered with explanation as required in the HPD Open Standard.
- Use of either of the formats described in the Standard: the Basic Inventory method or the Nested Materials method.
- Basic Inventory method must report all substances to at least 1,000 ppm in the product; Nested Materials method can report all substances to at least 1,000 ppm in either the product or in each material.
- The HPD is “complete” as defined by the HPD Open Standard.
- The HPD is published and available to public.

**Option 2: Material ingredient optimization**
In addition to meeting all Option 1 requirements, above, LEED v4 requirements are:
- Ingredients reported down to at least 0.01% (100 ppm)
- No GreenScreen scores of BM-1 or LT-1.

**LEED and HPD terminology equivalents**
Terms used in LEED and HPDs are not always identical. To avoid confusion, the following table presents a crosswalk of terms that differ.

<table>
<thead>
<tr>
<th>LEED Terms</th>
<th>HPD Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS RN</td>
<td>ID or Identifier</td>
</tr>
<tr>
<td>Role or function</td>
<td>Role</td>
</tr>
<tr>
<td>Amount</td>
<td>% Weight</td>
</tr>
<tr>
<td>Health hazards</td>
<td>Hazards</td>
</tr>
<tr>
<td>Ingredients</td>
<td>Contents (includes materials and substances)</td>
</tr>
</tbody>
</table>