Overview of LEED requirements for using HPD 2.0

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 2.0 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 two formats described in the Standard: the Basic Inventory format or the Nested Materials and Substances format.
- Basic Inventory format must report all substances to at least 1,000 ppm in the product; Nested Materials and Substances format can report all substances to at least 1,000 ppm in either the product or in each material. Note that Nested Materials and Substances...
format with product threshold is not easily supported by HPD 2.0; a revision to the Standard, version 2.1, will incorporate this option.

- 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>
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<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>