

Section 1.6 Action Submittals (Sustainable Material Data Sheets “SMDS” instructions)

1. LEEDv4 recognizes a broader spectrum of product certification for the Material and Resource credits for Building Disclosure and Optimization (BPDO) than previous versions of LEED.
 - a. The Project requires *Sustainable Material Data Sheet* “SMDS” forms for each product to specify all possible credit compliance for those applicable LEED credits.
 - i. These forms are based on LEEDv4.1, because the thresholds have been lowered. LEEDv4 projects will need to upgrade those MR BPDOE and EQ Low-emitting credits on LEED online.
2. The SMDS form is a tool for sub-contractors to gather the correct information from the manufacturer supply-chain in the submittal process. The pull-down options help ensure only the correct information is gathered.
 - a. The SMDS forms will be distributed electronically in excel and need to be submitted as excel files to auto-populate the “Green Canary” Sustainable Material Tracking software, which provides downloadable reports, including Green Canary’s LEEDv4.1 MR and EQ calculators, customizable Master-submittal logs, and a Summary dashboard.
3. The submittal is required to have the “Material and Resource” (MR) SMDS form filled out for each product by the manufacturer before it can be approved for CSI Divisions: 3-10, 31.60, 32.10, 32.30, 32.90 (MEP and Furniture optional).
 - a. The requested information needs to be answered in each applicable section highlighted in yellow for the SMDS tab. Additional tabs with instructions are for reference only.
4. The “Low-emitting” EQ SMDS form only needs to be filled out for interior products within the weatherproofing system.
 - a. Only fill out the SMDS tab for the category of the product you are providing. The classifications of the categories are explained in the information tab. Inherently non-emitting materials are excluded (see definition on info tab).
 - i. For Adhesives & Sealants and Paints and Coating categories: the pull-down menu for the VOC limit will show you the g/L allowed for that product based on USGBC approved third party standards. The adhesives and sealants product category includes all interior adhesives and sealants wet-applied on site.
 - ii. Note that a change in LEEDv4 also requires a “General Emissions Evaluation,” provided by California Department of Public Health (CDPH). The statement of product compliance from the manufacturer must include the exposure scenario(s) used, the range of total VOCs, and must follow the product declaration guidelines in CDPH Standard Method v1.2-2017, Section 8 (see the credit info tab for more information).
 - iii. Additional USGBC approved emissions evaluations and third-party standards are listed in drop-downs per category.
 - iv. The Green Canary dashboard will “red-flag” any non-compliant materials, but not all categories need to comply to achieve maximum points if pursuing the “Low-emitting Materials” credit (e.g. 4 out of 8 categories can get you 3 points).
 - v. Back-up documentation from the manufacturer must all be submitted, which can be downloaded to be reviewed per credit from the Green Canary platform.