Certificate of Compliance

Swoop Lounge Furniture

Herman Miller, Inc.

This product has been certified to meet the chemical emissions requirements for UL GREENGUARD Certification

Certification Details:

Certificate No: 14108-410

Status: Certified

Period: 07/2003 - 03/2014

Restrictions: No Plywood Lounge Option or Ottoman

Reference Standard: UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings

Criteria	Allowable Limits
TVOC[1]	≤ 0.5 mg/m³
Formaldehyde	≤ 0.05 ppm
Total Aldehydes	≤ 0.1 ppm
Individual VOCs[2]	≤ 0.1 TLV
4-phenylcyclohexene	≤ 0.0065 mg/m³
Listing of measured carcinogens and reproductive toxins as identified by California Proposition 65, the U.S. National Toxicology Program (NTP), and the International Agency on Research on Cancer (IARC) must be provided.	
Any pollutant regulated as a primary or secondary outdoor air pollutant must meet a concentration that will not generate an air concentration greater than that promulgated by the National Ambient Air Quality Standard (U.S. EPA, code of Federal Regulations, Title 40, Part 50).	

See referenced standard for a complete technical explanation.

[1] Defined to be the total response of measured VOCs falling within the C_6–C_{16} range, with responses calibrated to a toluene surrogate.

[2] Any pollutant not listed must produce an air concentration level no greater than 1/10 the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, Cincinnati, Ohio 45211-4438).

Workstations and Casegood Systems comply with ANSI/BIFMA X7.1-2011, ANSI/BIFMA M7.1-2011, and ANSI/BIFMA e3-2012 Credit 7.6.1. Workstations have been evaluated and show compliance in the ANSI/BIFMA Open Plan and Private Office Environments. Casegood Systems and Individual Furniture products have been evaluated and show compliance in the ANSI/BIFMA Private Office Environment.

GREENGUARD Certification affirms that representative samples of the products tested meet the criteria of the referenced standard and the requirements of the specific certification program. Certification testing is conducted according to a consistent, defined protocol. The testing does not evaluate emissions under usage conditions other than those defined in the protocol and does not address potential environmental impact other than chemical emissions.

UL Environment is an industry independent, third-party certification organization that qualifies products for low chemical emissions. GREENGUARD Certification programs use defined product standards, test methodologies, product sample collection and handling procedures, program application processes and on-going verification procedures. GREENGUARD standards, methods, and procedures are available at www.GREENGUARD.org.