

EPA Environmentally Preferable Purchasing Program Guidelines Pilot Assessment Summary- March 7, 2017

Product Category: Furniture

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			Guidelines II.1 per Life Cycle Stage													Approaches to Chemicals						
			Pre- Extraction/ Raw Materials Hotspot(s)		Manufacturing Hotspot(s)						Installation Hotspot(s)			End of Life Hotspot(s)								
	Addresses LifeCycle Stage		Addresses LifeCycle Stage	Baseline	Leadership				Addresses LifeCycle Stage	Baseline	Leadership	Addresses LifeCycle Stage	Baseline	Leadership								
How the Standard/ Ecolabel Meets the Hotspot: ✓=Required criterion ✓O= Optional criterion - Does not meet OK: Meets more stringent criteria	 Bio-Preferred	 CPG	Not Currently Assessed	Energy Use, Fossil Fuel Use, Global Warming Potential, and/or Greenhouse Gas Emissions	Ozone Depletion Potential	Criteria Air Pollutants	Pollution Discharges to Water	Water Use	Waste Generation	ANSI/ BIFMA X7.1 Standard for Formaldehyde and TVOC Emissions	CDPH Standard Method 1.1- 2010 for VOC Emissions	TB 117-2013- CA furniture flammability standard	Solid Waste Generation (e.g. design for disassembly, product take-back programs, remanufactured/ repurpose capabilities, or minimizing disposal impacts)	II.5 Toxic Hazards	II.6 Disclosure of Chemical Substances	II.7 Public Disclosure of Chemical Substances of Concern	Confirmed Voluntary Consensus Standard per OMB A-119?	Accredited or conforming CAB is confirmed by EPA?	Best practices in ecolabel program management?	Link to product registry if available		
Recommended Multi-Attribute Standards and Ecolabels:																						
ANSI/ BIFMA e3 -2014e Furniture Sustainability Standard – level® certified	✓	-	YES	YES	✓	✓O	✓O	✓O	✓O	YES	✓O	✓O	-	YES	✓	✓	-	✓	✓	✓	http://products.levelcertified.org	
Cradle to Cradle Certified™ Product Standard	-	-	YES	YES	✓	✓O	✓O	✓	✓	YES	✓	✓	-	YES	✓	✓	-	✓	✓	✓	http://www.c2ccertified.org/products/registry	
Good Environmental Choice Australia (GECA) Furniture, Fittings, and Foam	-	✓	YES	YES	-	✓	-	✓	-	YES	✓	✓	-	YES	✓	✓	-	-	✓	✓	http://www.geca.org.au/products/search/	
International Living Futures: Living Product ChallengeSM 1.0	-	-	YES	YES	✓	-	-	✓	✓	YES	✓	✓	-	YES	✓	-	-	-	-	-	http://living-future.org/lpc	
Sustainable Furnishings Council Exemplary	-	-	YES	YES	✓	-	-	-	-	YES	✓O	-	-	N/A	✓	✓	-	-	-	-	https://sustainablefurnishings.org/company-search	
Sustainable Materials Rating Technology (SMaRT)	✓	-	YES	YES	✓O	-	✓	-	-	YES	OK	✓O	-	YES	✓O	✓	-	-	✓	-	http://mts.sustainableproducts.com/SMaRT_Certified.html	

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TUV Rheinland® Green Product Mark	-	-	N/A	YES	✓	-	-	-	-	-	YES	✓	✓	-	N/A	✓	-	-	✓	✓	✓	https://www.certipedia.com/search?utf8=%E2%9C%93&locale=en&q=green+product&certificate_type=Green+Product

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Recommended Single Attribute/ Single Material Standards and Ecolabels:																									
Association for Contract Textiles NSF/ ANSI 336: Sustainability Assessment for Commercial Furnishings Fabric	✓	-	YES		YES	✓	-	-	-	-	-	YES	OK	✓O	-	YES	✓O	✓	✓	-	✓	✓	-	No directory of certified products available at this time.	
International Living Futures: Declare	N/A	N/A	N/A		N/A								YES	✓	✓	-	N/A		✓	✓	-	-	-	www.living-future.org/declare-products	
Global Recycled Standard, v3	-	-	YES		YES	✓	✓	-	-	-	-	-	N/A				N/A		✓	-	-	✓	✓	✓	http://textileexchange.org/wp-content/uploads/2016/05/GRS-Combined-List.pdf
SCS Indoor Advantage™ for Furniture	N/A	N/A	N/A		N/A								YES	✓	✓O	-	N/A		-	-	-	✓	✓	✓	https://www.scsglobalservices.com/certified-green-products-guide

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Ecologo/UL 2818 GREENGUARD Certification Program for Chemical Emissions For Building Materials	N/A	N/A	N/A	N/A						YES	✓	✓	-	N/A	-	-	-	✓	✓	✓	ul.com/spg

Specification(s):

In addition to the Applicable Federal Program requirements and the Non-Federal Standards/Ecolabels, EPA Recommends the following specifications for furniture, where applicable:

Hazardous Flame Retardants : Upholstered products shall meet Technical Bulletin 117-2013 (California's furniture flammability standard) and must comply with the labeling requirements of California Senate Bill 1019, which was passed on September 30, 2014, and requires a label indicating whether the product contains or does not contain added Flame Retardants.

Indoor Air Quality/VOC Emissions : Products shall meet ANSI/BIFMA X7.1 Standard for Formaldehyde and TVOC Emissions, or equivalent.

Note: Beginning December 2017, products shall instead meet the emissions requirements of BIFMA e3 criterion 7.6.2, or equivalent.