

EPA Environmentally Preferable Purchasing Program Guidelines Pilot Assessment Summary- December 23, 2016

Product Category: Furniture

View more about the EPA Recommended Standards and Ecolabels and the Guidelines on which they are based.	Applicable Federal Requirements		Section II: Environmental/Human Health Hotspots															Section I: Process for Developing Standards	Section III: Conformity Assessment	Section IV: Ecolabel Management	Product Availability Information		
			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	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	✓ O	YES	✓ O	✓ O	-	YES	✓	✓	-	✓	✓	✓	http://products.levelcertified.org
Cradle to Cradle Certified™ Product Standard	-	-	YES		YES	✓	✓ O	✓ 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	-	-	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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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 that for some furniture, like powder-coated metal file cabinets, for example, these emissions standards would not be applicable.