



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

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																										
			Pre- Extraction/ Raw Materials Hotspot(s)		Manufacturing Hotspot(s)					Installation Hotspot(s)			End of Life Hotspot(s)		Approaches to Chemicals														
			Addresses LifeCycle Stage	Not Currently Assessed	Addresses LifeCycle Stage	Baseline		Leadership			Addresses LifeCycle Stage	Baseline		Addresses LifeCycle Stage	Baseline		Leadership												
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	Baseline		Leadership	CDPH Standard Method 1.1-2010 for VOC Emissions		Leadership	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									
How the Standard/ Ecolabel Meets the Hotspot: ✓=Required criterion ✓O= Optional criterion - Does not meet OK: Meets more stringent criteria			Addresses LifeCycle Stage	Not Currently Assessed	Addresses LifeCycle Stage	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	Addresses LifeCycle Stage	ANSI/ BIFMA X7.1 Standard for Formaldehyde and TVOC Emissions	Baseline	Leadership	CDPH Standard Method 1.1-2010 for VOC Emissions	Leadership	TB 117-2013- CA furniture flammability standard	Addresses LifeCycle Stage	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	✓	✓	✓	✓	✓	✓	✓	YES	✓O	✓O	-	YES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	http://products.levelcertified.org
Cradle to Cradle Certified™ Product Standard	-	-	YES	YES	✓	✓	✓	✓	✓	✓	✓	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	✓	✓	-	✓	✓	✓	https://www.certipedia.com/search?utf8=%E2%9C%93&locale=en&q=green+product&certificate_type=Green+Product				

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	Bio-Preferred	CPG	Pre- Extraction/ Raw Materials Hotspot(s)		Manufacturing Hotspot(s)						Installation Hotspot(s)			End of Life Hotspot(s)		Approaches to Chemicals						
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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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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.