

Name

Apex Bench

Product ID

all configurations

Website

https://www.forms-surfaces.com/apex-bench

Manufacturer Address

Forms+Surfaces
30 Pine Street
Pittsburgh, PA 15223

Contact Name

Forms+Surfaces

Title

Phone

800.451.0410

Email

green@forms-surfaces.com

Description

Built on a solid aluminum frame with seat slats in FSC® 100% Jatoba hardwood, the Apex Bench has a clean, open footprint for optimum legroom, ease of cleaning and security. Adaptable to fit your project needs, Apex Benches can be used on their own or linked end to end to go to whatever lengths you need.

12 93 00.00

Furnishings: Site Furnishing

Health Product Declaration

1.0

Release Date

2016-01-21

Expiry Date

2019-01-21

HPD URL

<https://www.forms-surfaces.com/apex-bench>

☒ Self-declared

☐ Second Party

☐ Third Party

Certifier

Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure

☐ Measured 100 ppm (ideal)

☐ Measured 1000 ppm

☒ Predicted by process chemistry

☐ As per MSDS (1,000 & 10,000 ppm)

☐ Not disclosed

☐ Other

Full Disclosure of Intentional Ingredients

☒ Yes ☐ No

Full Disclosure of Known Hazards

☒ Yes ☐ No

Disclosure Notes

Residuals have been predicted by process chemistry using the HBN Pharos Tool.

Contents in Descending Order of Quantity

Jatoba , ALUMINUM , Silicon , MAGNESIUM , IRON , TITANIUM , Manganese , ZINC , COPPER , Chromium , LEAD , LEAD COMPOUNDS , LEAD COMPOUNDS, INORGANIC

Hazards

☐ PBT (Persistent Bioaccumulative Toxic)

☐ Cancer

☐ Gene Mutation

☐ Development

☐ Reproductive

☒ Endocrine

☒ Respiratory

Highest concern GreenScreen score - List Translator Benchmark 1

☐ Neurotoxicity

☐ Mammal

☐ Skin or Eye

☒ Aquatic toxicity

☐ Land toxicity

☒ Physical hazard

☐ Global warming

☐ Ozone depletion

☐ Multiple

☐ Unknown

Total VOC Content

Material (g/L)

N/A

Regulatory (g/L)

N/A

Does the product contain exempt VOCs?

☒ N/A ☐ Yes ☐ No

Are there VOC-free tints available?

☒ N/A ☐ Yes ☐ No

Notes

Certifications + Compliance

VOC Emissions

Not tested

Multi-attribute

ISO 14021:1999 Environmental labels and declarations

VOC Content

N/A

Sustainable forestry

FSC Certification - Chain of Custody (COC)

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The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.
GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Jatoba		55 - 57 %		N	N	bench component
None found	No warnings found on HPD Priority lists					
ALUMINUM	7429-90-5	31.6 - 42.6 %	LT-P1	BO	U	aluminum frame component
RESPIRATORY	AOEC - Asthmagens: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
FLAMMABLE	EU - GHS (H-Statements): H250 - Catches fire spontaneously if exposed to air					
REACTIVE	EU - GHS (H-Statements): H261 - In contact with water releases flammable gases					
ENDOCRINE	TEDX - Potential Endocrine Disruptors: Potential Endocrine Disruptor					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
Silicon	7440-21-3	1.9 - 3 %	LT-UNK	BO	U	aluminum frame component
None found	No warnings found on HPD Priority lists					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
MAGNESIUM	7439-95-4	0.1 - 0.3 %	LT-UNK	BO	U	aluminum frame component
FLAMMABLE	EU - GHS (H-Statements): H250 - Catches fire spontaneously if exposed to air					
REACTIVE	EU - GHS (H-Statements): H260 - In contact with water releases flammable gases which may ignite spontaneously					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
IRON	7439-89-6	0 - 0.3 %	LT-UNK	BO	U	aluminum frame component

None found	No warnings found on HPD Priority lists					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
TITANIUM	7440-32-6	0 - 0.1 %	LT-UNK	BO	U	aluminum frame component
None found	No warnings found on HPD Priority lists					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
Manganese	7439-96-5	0 - 0.1 %	LT-P1	BO	U	aluminum frame component
ENDOCRINE	TEDX - Potential Endocrine Disruptors: Potential Endocrine Disruptor					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
ZINC	7440-66-6	0 - 0.1 %	LT-P1	BO	U	aluminum frame component
ACUTE AQUATIC	EU - R-phrases: R50 - Very Toxic to Aquatic Organisms (also in EU - GHS (H-Statements))					
RESPIRATORY	AOEC - Asthmagens: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
CHRON AQUATIC	EU - GHS (H-Statements): H410 - Very toxic to aquatic life with long lasting effects					
FLAMMABLE	EU - GHS (H-Statements): H250 - Catches fire spontaneously if exposed to air					
REACTIVE	EU - GHS (H-Statements): H260 - In contact with water releases flammable gases which may ignite spontaneously					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
COPPER	7440-50-8	0 - 0.1 %	LT-P1	BO	U	aluminum frame component
None found	No warnings found on HPD Priority lists					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
Chromium	7440-47-3	0 - 0.1 %	LT-UNK	BO	U	aluminum frame component
RESPIRATORY	AOEC - Asthmagens: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
aluminum frame components contain 5-70% Post-Industrial recycled content and 15-50% Post-Consumer depending on configuration						
LEAD	7439-92-1	R	LT-1			Pollutant/Contaminant, ZINC
None found	No warnings found on HPD Priority lists					
LEAD COMPOUNDS		R	LT-1			, LEAD
None found	No warnings found on HPD Priority lists					
LEAD COMPOUNDS, INORGANIC		R	LT-1			, LEAD
None found	No warnings found on HPD Priority lists					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Multi-attribute	ISO 14021:1999 Environmental labels and declarations - International Organization for Standardization (ISO)			International Organization for Standardization (ISO)
	Voluntary	2015-10-19		www.iso.org
	All facilities			
	The provided recycled content data is generated from supplier data, following the guidelines of ISO 14021.			
Sustainable forestry	FSC Certification - Chain of Custody (COC) - Forest Stewardship Council (FSC)			SCS Global Services
	3rd party independent certification	2013-03-12	2018-03-11	https://google.healthymaterials.net/uploads/files/certifications/581/1453322723.pdf
	Pittsburgh, PA			

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
Penofin® Hardwood Finish or similar products	

FSC 100% Jatoba hardwood slats can be maintained by re-oiling, as needed, with Penofin® Hardwood Finish or similar products. Wood should be re-oiled 3-6 months after installation and again after 10-12 months, or as soon as oil looks depleted. After this time, maintenance needs will be less frequent. Before applying Penofin Hardwood Finish, wood should be washed with a mild detergent, warm water and soft brush and left to dry for 48 hours. Oil should be shaken well before use. 20-30 minutes after maintenance coat is applied, excess oil should be removed with a clean, dry, nap-free cloth.	
Mild detergent, warm water and soft brush	
Before applying Penofin Hardwood Finish, wood should be washed with a mild detergent, warm water and soft brush and left to dry for 48 hours.	
Non-chlorinated spray cleaner/degreaser	
Fingerprints and smudges can be removed from aluminum using a non-chlorinated spray cleaner/degreaser such as Simple Green® and a microfiber cloth. Do not use harsh abrasives, acids or chlorine-based cleaners or cleaning tools containing carbon steel, such as steel wool or wire brushes.	
Epoxy	
Use epoxy to fill each anchor hole for bench installation	

NOTES