



Health Product
DECLARATION

SUMMARY DISCLOSURE

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 af predicted using the HBN Pharos Tool.

Ethylene-propylene copolymer , IRON , 1,3-Isobenzofurandione, polymer with 2,5-furandione and 2,2'-oxybis[ethanol] , CARBON BLACK , Titanium dioxide , BARIUM SULFATE , 308079-71-2 Thermoplastic elastomer , MAGNESIUM , NAPHTHALENE

Hazards

<input checked="" type="checkbox"/> PBT (Persistent Bioaccumulative Toxic)	<input type="checkbox"/> Development	<input type="checkbox"/> Neurotoxicity	<input type="checkbox"/> Land toxicity	<input checked="" type="checkbox"/> Multiple
<input checked="" type="checkbox"/> Cancer	<input type="checkbox"/> Reproductive	<input checked="" type="checkbox"/> Mammal	<input checked="" type="checkbox"/> Physical hazard	<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Gene Mutation	<input checked="" type="checkbox"/> Endocrine	<input type="checkbox"/> Skin or Eye	<input type="checkbox"/> Global warming	
	<input type="checkbox"/> Respiratory	<input checked="" type="checkbox"/> Aquatic toxicity	<input type="checkbox"/> Ozone depletion	

Total VOC Content					
Material (g/L)	N/A	Does the product contain exempt VOCs?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Regulatory (g/L)	N/A	Are there VOC-free tints available?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Notes					

VOC Emissions	ANSI/BIFMA Furniture Emissions Standard - X7.1-2007 Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture Systems and Seating	VOC Content	N/A
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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						
Ethylene-propylene copolymer	9010-79-1	49.5 %	LT-U	BO	N	Main constituent of seat and armrests
None found	No warnings found on HPD Priority lists					
Recycled content is sourced from various consumer goods, primarily from taking back used SixE chairs (Product Stewardship) and recycle them into new (black and grey) SixE chairs						
IRON	7439-89-6	43.8 %	LT-U	U	N	Main ingredient of chair frame
None found	No warnings found on HPD Priority lists					
1,3-Isobenzofurandione, polymer with 2,5-furandione and 2,2'-oxybis[ethanol]	26123-45-5	2.7 %	LT-U	U	N	Main powder coating ingredient
None found	No warnings found on HPD Priority lists					
CARBON BLACK	1333-86-4	1 %	LT-1	N	N	Color pigment in Polypropylene
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Titanium dioxide	13463-67-7	0.9 %	LT-1	N	N	Color lightening/whiteness in Polypropylene
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					

BARIUM SULFATE	7727-43-7	0.9 %	LT-U	N	N	Additive to Powder Coating
None found	No warnings found on HPD Priority lists					
308079-71-2 Thermoplastic elastomer	308079-71-2	0.3 %		U	N	Elasticity
None found	No warnings found on HPD Priority lists					
MAGNESIUM	7439-95-4	0.3 %	LT-U	N	N	Ingredient in steelframe and screws
FLAMMABLE	EU H-Statements: H250 Catches fire spontaneously if exposed to air					
REACTIVE	EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously					
NAPHTHALENE	91-20-3	R	LT-1			Feedstock, CARBON BLACK
PBT	NWMP Priority: Priority PBT (also in WA PBT, OSPAR)					
CANCER	NTP-RoC: Reasonably Anticipated to be Human Carcinogen (also in Prop 65, MAK, EU R-Phrases, EPA-C, IARC, EU H-Statements)					
ENDOCRINE	SIN: Equivalent concern, including endocrine disruption - Sin List 1.0 (also in TEDX)					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					

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	ANSI/BIFMA Furniture Emissions Standard - X7.1-2007 Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture Systems and Seating			Business and Institutional Furniture Manufacturers Association (BIFMA)
	1st party manufacturer claim	2013-08-07	2018-08-07	www.howe.com/product/sixe-downloads
	All			

VOC Content	N/A			
Recycled Content	Not tested			
Other				

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	

NOTES