

Steelcase Karman™

Product Ingredient Disclosure

EMEA



Choose + Use Materials Responsibly

Steelcase is committed to sourcing and selecting materials that are safe for people and our planet. This Product Ingredient Disclosure demonstrates our commitment to chemical and material transparency. Learn more about how Steelcase is working to design better futures for the wellbeing of people and the planet [here](#).

Scope

Steelcase Karman™

419A00

Task chair with 4D Arms, lumbar support, comfort dial, casters with aluminum base

Exclusions and Exemptions

Plastic base, headrest, stool and glide options

Product Description

Sit back and let physics do its job. With a proprietary performance textile and impossibly light frame, Steelcase Karman goes beyond leading mesh office & desk chairs to provide effortless comfort and ergonomic support.

<https://www.steelcase.com/eu-en/products/office-chairs/steelcase-karman/>

Chemicals of Concern List

The product was screened against the following lists utilizing applicable rules and exceptions:

- **Living Building Challenge (LBC) Red List v4.0** with the following exceptions:
 - RL-004a – Proprietary Ingredients
- **ANSI/BIFMA e3-2019 Furniture Sustainability Standard: Annex B Chemical List**
- **Globally Harmonized System of Classification and Labelling of Chemicals revision 10 (2023) [GHS]**

Material Inventory

Material	Weight (kg)	Weight (%)
nylon (PA6 and PA66)	2.57	22.11
aluminum, alloy cast	2.55	21.95
glass filled	2.26	19.44
carbon steel	2.21	18.98
polypropylene (PP)	1.34	11.52
thermoplastic polyolefin (TPO)	0.13	1.13
flexible polyurethane foam (PU)	0.12	1.11
thermoplastic polyurethane (TPU)	0.12	1.10
acetal	0.11	1.03
alloy steel	0.06	0.56
other	0.05	0.42
fabric polyester	0.03	0.27
Total	11.59	100

Chemical Inventory

I. Chemical Class

This product was screened against the following lists utilizing applicable exceptions:

Chemical Class	Presence / Notes
flame retardant chemicals (FR)	None
per- and poly-fluoroalkyl substances (PFAS)	None
antimicrobial agents	None
organo-halogenated compounds	None including no PVC
heavy metals*	None
formaldehyde and other VOCs (emissions) [†]	SCS Indoor Advantage Gold

*: metals such as lead, cadmium, mercury, hexavalent chromium, arsenic, and their compounds

[†]: VOC: volatile organic compound

II. Chemical Constituents

Ingredients	CAS RN	% Weight	Chemicals of Concern
nylon-6	25038-54-4	20.80	
glass, oxide, chemicals	65997-17-3	19.48	
carbon steel	12597-69-2	18.95	
EN 1706 EN AC-46000	AC-46000	17.02	
thermoplastic elastomer styrene block copolymer	308079-71-2	5.23	
aluminum alloy A380	A380	4.51	
ethene, polymer with 1-propene	9010-79-1	2.71	
polypropylene	9003-07-0	2.32	
flexible polyurethane foam	9009-54-5	1.16	
proprietary ingredients	-	1.12	
thermoplastic polyester elastomer	9078-71-1	1.09	
polyurethane polyether elastomer	9018-04-6	1.08	
1,3,5-trioxane, polymer with 1,3-dioxolane	24969-26-4	0.97	
calcium carbonate	471-34-1	0.67	
magnesium silicate monohydrate	14807-96-6	0.49	
carbon black	1333-86-4	0.36	
nylon-6,6	32131-17-2	0.31	
nylon-6I/6T	25750-23-6	0.31	
aluminum alloy ASTM A401	ASTM A401	0.28	
powder metal MPIF FN-0205	MPIF FN-0205	0.28	
polyethylene terephthalate	25038-59-9	0.27	
poly(bisphenol A-co-epichlorohydrin) glycidyl	25036-25-3	0.19	
saturated polyester resin	61926-16-7	0.09	
ethylene-hexene copolymer	25213-02-9	0.09	
stainless steel	65997-19-5	0.07	
zinc	7440-66-6	0.06	
2-oxohexamethylenimine	105-60-2	0.02	
polyacetal	30846-29-8	0.02	
amorphous precipitated silica	112926-00-8	0.02	
diiron trioxide	1309-37-1	0.01	

ⁱ Materials and chemicals are disclosed for the specific style number and option configuration of the product as described in the Scope section, considering any noted exclusions and exemptions. Composition may change based on options selected by the specifier. Chemical constituents and members of chemical classes are disclosed if present at or above 0.01% (100 ppm) by total weight of product. Percentage weights are typical values. Proprietary ingredients include chemical constituents that are withheld by the supplier/raw material manufacturer and/or are shared with Steelcase only, as confidential business information. Information is obtained directly from suppliers, raw material manufacturers and other reliable sources. The contents of the documents are subject to change without notice.