Allsteel

Allsteel Inc. Environmental Data Sheet For Office Furniture

Section 1. Identity

Product:	**Tolleson Side Chair, Model Number: T-SLOP**
Manufacturer:	Allsteel Inc. 2210 Second Avenue Muscatine, IA 52761
General Contact:	Customer Support Department 888-255-7833 http://www.allsteeloffice.com
Technical Contact:	Keri Luly (563) 272-7301 lulyk@allsteeloffice.com

Notes:

Section 2. Major Material Description

Material	Percentage by Weight	Recycled Content	End -of-Life Management[1]
Plastics	41.0%	0%	Recycle where possible
Aluminum (various)	36.1%	100% PC	Recycle
Steel	8.3%	25%	Recycle
Miscellaneous	14%	N/A	Not easily disassembled for recycling. Landfill
Corrugated Packaging[2]	N/A	74% PC avg	Recycle where possible
Inputs for LEED-CI MR 4.1 & 4.2 credits	Recycled Content	13% Post-Consumer 0% Pre-Consumer (PI)	RC Value factor = 0.13[3]

Comments:

1. Allsteel complies with the Federal Trade Commission's Part 260 *Guide for the Use of Environmental Marketing Claims*. Product recyclablity depends on availability of local programs.
2. Allsteel encourages the use of bulk packaging and blanket wrap where appropriate.
3. Adding 50% of the post-industrial recycled content and 100% of the post-consumer recycled content and then dividing the resulting weight by the total weight of the product derives the value factor. Multiplying the value factor by the total purchase price of the product determines the product's contribution toward the Project's recycled content threshold.

Section 3. Process Description

- The steel tubular frame is painted using a thermo-set powder coat.
- The components are assembled using mechanical fasteners. The wooden back support and cushion uses staples to attach upholstery to these parts.
- A spray adhesive is used to adhere the seat support to the cushion and the upholstery to the cushion.
- A polyethylene bag covers the chair, and is placed in a coorugated cardboard carton.

Section 4. Indoor Air Emissions

Test Methodology: CA Spec 1350	Test Location: Berkeley Analytical, Richmond, CA	Original Test Date: 08/02/07
Test Methodology: CA Spec 1350	Test Location: Berkeley Analytical, Richmond, CA	Date: 06/23/08
Indoor Air Quality Certification	Scientific Certification Systems (SCS)	Indoor Advantage Gold

Standard	Compound	Criteria	Acceptable
BIFMA X7.1 – 2007	TVOC	≤0.25 mg/m^3	Yes
	Formaldehyde	≤25 ppb	Yes
	Total Aldehydes	≤50 ppb	Yes
	4-phenylcyclohexene	≤0.0035 mg/m^3	Yes
Cal. Specification 1350 -2006	Chronic Ref Exposure Levels	Various	Yes
Title VI of the 1990 Clean Air Act Amendments. (CFCs & HCFCs)	This product does not contain and is not manufactured with ozone depleting chemicals.		
U.S. Occupational Safety & Health Administration (OSHA)[1]	Formaldehyde	< 0.10 ppm	Yes
World Health Organization (WHO)	Formaldehyde	< 0.10 ppm	Yes
United States Green Building Council Leadership in Energy and Environmental Design (LEED-CI EQ Credit 4.5 Multiple Office Seating Option C)	TVOC	≤ 0.25 mg/m^3	Yes
	Formaldehyde	≤ 25 ppb	Yes
	Total Aldehydes	≤ 50 ppb	Yes
	4-phenylcyclohexene	≤0.0035 mg/m^3	Yes

Notes: Additional data may available upon request.

1. OSHA – (29 CFR) 1910.1048

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Section 5. In Service Maintenance Instructions

General Care
Inspect chair, at least every six months, to ensure all knobs, bolts, and screws are tight. Lubricate all moving parts at least every six months.
Seat Upholstery
Fabric- Whisk or vacuum regularly. For unusual stains, use a commercial nylon cleaner, following manufacturer's instructions.
Vinyl - Wipe with damp cloth, moistened in a mild detergent solution. For unusual stains, use a commercial nylon cleaner, following manufacturer's instructions.
Other Surfaces
Wipe with a soft cloth, moistened in a mild detergent solution. Dry and buff lightly with a dry cloth.
Warning Label
Failure to follow these warnings and instructions can result in serious injury. If chair is not operating properly, or parts are loose, missing, or broken, stop use of chair immediately.

Section 6. Non-Obsolescence Statement

Allsteel warrants its products to be free from defects in material and workmanship for as long as the original purchaser owns them. Allsteel shall repair or replace with comparable product (at Allsteel's discretion), free of charge, any Allsteel product or component manufactured after July 9, 2006 that fails under normal commercial office use.

This warranty does not apply to:

- Normal wear and tear over the course of ownership.
- Modifications or attachments to the product not approved by Allsteel.
- Products not installed, used, or maintained in accordance with product instructions and warnings.
- Products used for rental purposes.
- Damage caused by the carrier in-transit, which is handled under separate terms.
- A Customer's Own Material (COM) selected by, and used at the request of, a user.

To the extent allowed by law, Allsteel makes no other warranty, either express or implied, including any warranty of merchantability or fitness for a particular purpose. Allsteel will not be liable for any consequential or incidental damages.

This Warranty applies only to products sold within the United States and the Commonwealth of Canada.
Your Allsteel Dealer is our mutual partner in supporting your warranty requests. To obtain service under this warranty please contact your Allsteel Dealer.

Section 7. Manufacturer Commitment

Vision Statement	Yes. Encompasses sustainability in social, economic practices. Encourages and commits financial resources to community involvement.
Environmental Policy	Yes. Enterprise Sustainability Policy, Environmental Policy, Design for the Environment Procedure.
Environmental Management Program	Yes. Integrated into mainstream manufacturing. Strong emphasis on environmental consideration during changes in material and processes. Generally aligned with ISO 14001.
Waste Minimization	Yes. Focus is broad based elimination of waste in every form.
Recycling Program	Yes. Office and manufacturing plus ongoing educational out-reach programs. Strong emphasis on "pre-cycling".
Audits	Yes. Monthly self audit program implemented through the Environmental Management training process. Internal audits are conducted by formal procedure. EHS program is periodically audited by outside consultant.

Section 8. Applicable Programs and Ratings

Program	Applicability / Standard	Rating
ANSI/BIFMA	BIFMA G1 – 2002 Ergonomic ANSI/BIFMA 5.1-2002 Structural	Pass Pass
Cal 133	Flame Spread	Pass

Note:

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