

Allsteel Inc. Environmental Data Sheet For Office Furniture

Section 1. Identity			
Product:	Work Chair #19, Model Number: A19-HWA		
Manufacturer:	Allsteel Inc. 2210 Second Avenue Muscatine, IA 52761		
General Contact:	Customer Support Department 888-255-7833 http://www.allsteeloffice.com		
Technical Contact:	Mike Veal (563) 262-4640 Vealm@allsteeloffice.com		
Notes:			
Section 2. Major Material Description			
Material	Percentage by Weight	Recycled Content	End -of-Life Management ¹
Aluminum	61%	100% PC	Recycle
Plastic	20%	21% PI	Recycle where possible.
Steel	7%	25% PC	Recycle
Miscellaneous	12%	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	63% Post-Consumer 4% Pre-Consumer (PI)	RC Value factor = 0.65 ³
Comments:			
<ol style="list-style-type: none"> Allsteel complies with the Federal Trade Commission's Part 260 <i>Guide for the Use of Environmental Marketing Claims</i>. Product recyclability depends on availability of local programs. Allsteel encourages the use of bulk packaging and blanket wrap where appropriate. 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. Allsteel offers an end-of-useful-life take back program for #19 seating. Contact Allsteel customer service for details. 			
Section 3. Process Description			
<ul style="list-style-type: none"> Aluminum die cast parts are painted using a thermo-set powder coat. The components are assembled using mechanical fasteners. The back carrier uses a hot melt adhesive to bond the fabric to the carrier. A spray contact adhesive is used to apply the optional fire barrier. A polyethylene bag covers the chair, and is placed in a corrugated cardboard carton. 			
Section 4. Indoor Air Emissions			
Test Methodology: CA Spec 1350	Test Location: Berkeley Analytical, Richmond, CA	Original Test Date: 04/25/05	
Test Methodology: CA Spec 1350	Test Location: Berkeley Analytical, Richmond, CA	Date: 07/18/07	
Indoor Air Quality Certification	Scientific Certification Systems (SCS)	Indoor Advantage Gold	
Standard	Compound	Criteria	Acceptable
BIFMA X7.1 – 2005	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	Non-detect	Yes
Notes: Additional data may available upon request.			
1. OSHA – (29 CFR) 1910.1048			

Section 5. In Service Maintenance Instructions

General Care

Regular dusting of the aluminum parts will help prevent dust and soil build up. Operation of the pneumatic height adjustment cylinder at least 2-3 times per year is beneficial to proper operation of the cylinder.

Seat Upholstery

Spot cleaning may leave rings. For best results, clean entire seat using water-based cleaning agents, foam, or pure, water-free solvents (Energine, Carbona, Renuzit, or other similar products). Vacuuming or light brushing is recommended to prevent dust and soil build up. Follow the specified Cleanability Code for cleaning agents.

VenTech Thermal Back material

Cleaning: To prevent overall soiling, frequent vacuuming or light brushing to remove dust and grime is recommended. Avoid using a rotary brush, as this will damage the nap. Spot clean with an upholstery shampoo if necessary. Solvents containing petroleum distillates should never be used.

Warning Label

Failure to follow this warning can result in serious injury. If the chair is not operating properly or if parts are loose missing or broken immediately stop using the chair and call your Allsteel dealer or Allsteel customer service.

Section 6. Non-Obsolescence Statement

Allsteel warrants #19 to be free from defects in material and workmanship for as long as the original purchaser owns it. Allsteel will repair or replace with comparable product, free of charge, any Allsteel #19 or component that fails. All materials and components are covered for the life of the product for multiple shifts and users up to 300lbs.

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. Generally follows the Valdez Principals.
Environmental Management Program	Yes. Integrated into mainstream manufacturing. Strong emphasis on environmental consideration during changes in material and processes. Generally aligned with ISO 14001 but is not ISO Certified.
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	Pass
	ANSI/BIFMA 5.1-2002 Structural	Pass
Cal 117/133 ¹	Flame Spread	Pass
State of California	State Buy Recycled Campaign	Certification available on request

Note:

1. The Cal 133 test requires the optional fire barrier.