



The HON Company Inc. Environmental Data Sheet For Office Furniture

Section 1. Identity	
Product:	Nucleus Swivel Chair, Model Number: N1
Manufacturer:	The HON Company Inc. 200 Oak Street Muscatine, IA 52761
General Contact:	Customer Support Department 800-336-8398 http://www.hon.com
Technical Contact:	Nicole Willits (563) 272-7208 willitsn@honcompany.com

Notes: 1. This example is intended to be typical and representative of all **Nucleus Swivel Chairs** in construction, materials, and processes.

Section 2. Major Material Description			
Material	Percentage by Weight	Recycled Content	End -of-Life Management ¹
Steel, bar stock, > 1/8"	49%	100% (PC)	Recycle
Coil/Hot Roll Steel	0%	50% (PC)	Recycle
Thermoplastics	48%	10% (PI)	Recycle
Aluminum	1%	70% (PC) 30% (PI)	Recycle Recycle
Miscellaneous	2%	N/A	Not easily disassembled Components
Corrugated Packaging	N/A%	34% avg.	Recycle
Inputs for LEED-CI MR 4.1 & 4.2 credits	Recycled Content	49.7% Post-Consumer (PC) 5.1% Pre-Consumer (PI)	RC Value factor =.52 ³

Comments:

- The HON Company complies with the Federal Trade Commission's Part 260 *Guide for the Use of Environmental Marketing Claims*. Product recyclability depends on local programs.
- The HON Company 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.
- Instructions for disassembling HON Company products for recycling can be found here: <https://honready.hon.com/MarketingResources/Sustainability/Pages/Home.aspx>.
- Information on recycling office furniture components and other assembled products is available from the USEPA Office of Waste and Recycling in your region: <http://www.epa.gov/waste/wyl/regional.htm>.

Section 3. Process Description	
<ul style="list-style-type: none"> Formed steel components are painted using a thermo-set powder coat. The components are assembled using mechanical fasteners. 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: 2006	
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Indoor Air Quality Certification	Scientific Certification Systems (SCS)	²	
Standard	Compound	Criteria	Acceptable
BIFMA X7.1 – 2007	TVOC	≤0.5 mg/m ³	Yes
	Formaldehyde	≤50 ppb	Yes
	Total Aldehydes	≤100 ppb	Yes
	4-phenylcyclohexene	≤0.0065 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 (USGBC LEED-	TVOC	≤0.5 mg/m ³	Yes
	Formaldehyde	≤ 50 ppb	Yes



CIEQ Credit 4.5 Systems Furniture Option C)	Total Aldehydes	≤ 100 ppb	Yes
	4-phenylcyclohexene	≤0.0065 mg/m ³	Yes
Notes: Additional data may available upon request.			
1. OSHA – (29 CFR) 1910.1048			
2. Tested and certified as part of a complete BIFMA typical open plan workstation per BIFMA X7.1 & M7.1-2007			
Section 5. In Service Maintenance Instructions			
General Care Regular dusting of the 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.			
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 HON dealer or HON customer service.			
Section 6. Non-Obsolescence Statement			
The HON Company warrants its products to be free from defects in material and workmanship for as long as the original purchaser owns them. The HON Company shall repair or replace with comparable product (at The HON Company's discretion), free of charge, any The HON Company product or component manufactured after July 9, 2006 that fails under normal commercial office use.			
1. This warranty does not apply to: <ul style="list-style-type: none"> • Normal wear and tear over the course of ownership. • Modifications or attachments to the product not approved The HON Company. • 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, The HON Company makes no other warranty, either express or implied, including any warranty of merchantability or fitness for a particular purpose. The HON Company 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 HON Company Dealer is our mutual partner in supporting your warranty requests. To obtain service under this warranty please contact your HON Company 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	ANSI/BIFMA X5.1-2002	Pass	
Fire/Smoke Testing	State of California Bulletin 117	Pass	
State of California	CARB 93120.2	Phase 1 Exempt	