

Environmental Data Sheet ■

Torsion® Task Seating

Rev: 11082011

Product Category: Task Seating

Certifications: Greenguard Certified
CARB Compliant – Phase I

LEED Contributions: Recycled Content
Regional Materials
Low Emitting Materials
Renewable Materials



Program Overview:

Programs Include:	Category	Credit	Contribution
LEED CI LEED NC LEED EB	Materials & Resources	Recycled Content - MR 4.1 & 4.2 10% or 20% recycled content	Post-consumer Pre-consumer % by weight
	Materials & Resources	Regional Materials - MR 5.1 Manufactured within 500 miles of the project location.	Manufactured in: Green Bay, WI 54302
	Materials & Resources	Certified Wood - MR 7 FSC-Certified wood products used	Certified wood available by request Chain-of-Custody certificate
	Indoor Environmental Quality	Low Emitting Materials EQ 4.5	Greenguard Certified

Recycled Content Summary (averaged):

Material	Average % Weight	Recycled Content %	% Post Consumer	% Pre Consumer	Can be recycled?
Overall = 33.5%			6.0%	27.5%	
Steel	50%	25%	6.0%	8.84%	Y
Aluminum (mechanisms)	12%	14%	0%	1.7%	
Polypropylene (inner seat board)	17%	100%	0%	17.0%	Y
Fabric (options available determine %)	3%	0-100%	0%	0%	-
Other Hard Plastics	18%	0%	0%	0%	Y

Disclaimer: Numbers may vary based on model and options selected. Calculations of recycled content are based on data provided by suppliers and other available information. This data may include industry averages, ranges or other broadly based information. KI makes conservative assumptions when compiling information to provide the most accurate recycled content calculations possible. This document will be reviewed and updated periodically and is subject to change without notice.

* Product Recyclability is dependent on local programs.

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Furnishing Knowledge

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Other Materials Recycled Content Overview:

Material	Recycled Content %	% Post Consumer	% Pre Consumer	Can be recycled?
Corrugated Packaging - From SCS Sources	68%	18%	50.0%	Y

Packaging has large amounts of recycled content – an average of 68% corrugated material, where corrugate is used. Packaging materials, plastic banding and skids can be recycled at the jobsite if requested.

Wherever possible, blanket wrap is used thereby eliminating the packaging waste. These packaging options help to support LEED NC & CI – MR 2.1 and MR 2.2 *Construction Waste Management* or LEED EB - MR Prerequisite 1.1 *Source Reduction and Waste Management*.

Greenguard Certification:

- Measurements and results indicated below

	USGBC	GREENGUARD	GRADE
Formaldehyde	0.025 ppm	0.025 ppm	PASS
TVOC	0.25 mg/m3	0.25 mg/m3	PASS
Total Aldehydes	0.05 ppm	0.05 ppm	PASS

Other Attributes:

End-of-Life Recycling & Reuse: KI selects materials that can be recycled at the end of a product's use and designs its products so that it can be easily disassembled and separated for local recycling facilities.

Renewable Materials: Contains 9% soy foam in the seating line.

Fabrics: KI offers a variety of textiles using both renewable and recycled fibers.

Maintenance:

Fabric – Wisk or vacuum regularly. For unusual stains, use a commercial cleaner following manufacturer's instructions.

Vinyl/Polyurethane – Wipe with damp cloth, moistened with a mild detergent solution. For unusual stains, use a commercial nylon cleaner, following manufacturer's instructions.

Other Surfaces – Wipe with soft cloth, moistened in a mild solution. Dry and buff lightly with a dry cloth.

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Other Materials Recycled Content Overview:

Corrugated Packaging - From SCS Sources	Recycled Content %	% Post Consumer	% Pre Consumer	Can be recycled?
	68%	28%	50.0%	Y

Greenguard Certification:

- Measurements and results indicated below

	USGBC	GREENGUARD	GRADE
Formaldehyde	0.025 ppm	0.025 ppm	PASS
TVOC	0.25 mg/m3	0.25 mg/m3	PASS
Total Aldehydes	0.05 ppm	0.05 ppm	PASS

Other Attributes:

Packaging: KI has other corporate initiatives that can support LEED credits. For example: KI's packaging has large amounts of recycled content – an average of 78% corrugated material, where corrugate is used. Wherever possible, KI will blanket wrap thereby eliminating the packaging waste. These packaging options help to support LEED NC & CI – MR 2.1 and MR 2.2 *Construction Waste Management* or LEED EB - MR Prerequisite 1.1 *Source Reduction and Waste Management*.

End-of-Life Recycling & Reuse: KI selects materials that can be recycled at the end of a product's use and designs its products so that it can be easily disassembled and separated for local recycling facilities.

Renewable Materials: KI has the option to include bio based foam in the seating line.

Certified Wood: As a standard, SFI certified wood is used. For LEED requirements, KI can substitute the material for FSC materials upon request. In some cases an additional premium may apply. With this option, the recycled content would increase to 100% post industrial content.

No-Added Urea Formaldehyde – Available upon request.

Fabrics: Fabric option is available with this product. Fabrics selections may contain between 0%-100% recycled content. Renewable materials in textiles are also available.

