



Environmental Impact Questionnaire (E.I.Q.)

A. EXTRACTION AND RESOURCE MANAGEMENT

- Does your product use renewable resources or non-renewable resources?
Renewable – Wood-Fiber
Non-Renewable – Metal and Plastics
- List renewable resources used as product raw materials. Provide percentage amounts in relation to complete (100%) product.
Renewable Resource: Wood-Fiber
Percentage: 90-95%
- Does the extraction procedure for the raw material control pollution?
YES. Wood-Fiber harvesting is in compliance with sustainable forest initiative.
- Does manufacturer obtain raw materials or fabricate this product outside of the United States?
YES. Metal hardware and fasteners constitute less than 5% of the complete (100%) product total.
 If yes, are the United States environmental standards or more strict standards followed in these countries?
YES.
- Is the Wood-Fiber raw material obtained from certified sustainable resources?
YES. Particleboard and Medium Density Fiberboard (MDF) use wood-fiber obtained from saw mills which are sawing logs from FSC® certified sustainable resources.
 List certifying organizations:
Forest Stewardship Council® (FSC-C014934), American Forest and Paper Association, American Tree Farm Association
Stevens FSC Certificate I.D.: Chain of Custody is SCS-COC-001662; Trademark License Code is FSC-CO14934.
- Does your product contain high-embodied energy or low-embodied energy?
Low, compared to mining and manufactured steel. Product Life Cycle analysis supports this finding.
 - a. Where are raw materials acquired? Identify state and country.

<i><u>Raw Material</u></i>	<i><u>Source (State and Country)</u></i>
<i>Wood-Fiber</i>	<i>Southeast, South and West – United States</i>
<i>Metal and Plastic Components</i>	<i>Worldwide – International and United States</i>
 - b. Describe means of transporting raw materials to the manufacturing plant.

<i><u>Raw Material</u></i>	<i><u>Transportation</u></i>
<i>All</i>	<i>Truck and Rail</i>
 - c. Where is product manufactured/fabricated? Identify City, State and Country.

<i><u>Product</u></i>	<i><u>City, State and Country</u></i>
<i>Institutional Casework</i>	<i>Teutopolis, Illinois, United States</i>
 - d. Is the product warehoused locally, regionally or nationally?

<i><u>Product</u></i>	<i><u>Loc/Reg/Nat</u></i>
<i>All</i>	<i>Locally</i>
 - e. Describe means of transporting product to distribution facilities.

<i><u>Product</u></i>	<i><u>Transportation</u></i>
<i>All</i>	<i>Truck</i>



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B. MANUFACTURE AND DISTRIBUTION

- Describe measures the manufacturer has taken to minimize energy usage in the production process.
Engineering designs to minimize and conserve energy in all processes. In 2011, Stevens replaced all fluorescent lighting, for an energy savings of \$50,000.00.
- Are pollution containment practices in place during the manufacturing of the product?
YES. Wood dust collection system and recycling of corrugated waste.
- Does your product contain recycled content?
YES. All the wood-fiber used in particleboard is from recovered wood post saw mill operations.
If yes, what overall percentage of recycled content does it contain?
90-95%. Also referred to as Recovered Post-Industrial. Recycled from Post-Consumer is less than 5%.
- Does your product contain any toxic/hazardous contents?
YES.
If yes, please list toxic/hazardous content (carcinogens and other hazards inherent in product/materials).
Stevens' testing by a third party conclusively shows formaldehyde emissions from our laminated panels at 0.0073 ppm or less. Poly Vinyl Chloride used in edgebanding is toxic when burned at high temperatures.

C. PACKAGING AND DISTRIBUTION

- Describe packaging materials and procedures for the product.
Film stretch wrapping with protective corrugated corners. Crating and/or corrugated containers.
- Does manufacturer accept return of used packaging for re-use?
NO.

D. INDOOR AIR QUALITY

- Does the product outgas (emit) carcinogens or other hazardous substances into the air after installation, including final curing/drying?
YES. Stevens' testing by a third party conclusively shows formaldehyde emissions from our laminated panels at 0.0073 ppm or less.
If yes, please elaborate on measures taken to reduce risk.
We seal the face by laminating with a decorative sheet, and we seal the exposed edges with PVC banding. After surface lamination and edgebanding, emissions typically test in the 0.01 or less.



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E. MAINTENANCE

- Does the product require frequent cleaning?
NO. The plastic laminate face is non-porous and resists dirt and grime. Mild detergent and water is all that is required.
- Can cleaning materials be low VOC and non-hazardous?
YES. Warm water and mild detergent. Dry with cloth to restore original luster.
- Is energy or special equipment required for maintenance?
NO.

F. RE-USE AND DISPOSAL

- Can the product be re-manufactured? Are replacement parts available for period of warranty and beyond?
YES.
If yes, please elaborate.
3-5 years manufacturer warranty, depending on product purchased.
- Can the product be recycled?
YES.
 - a. If yes, list the parts of the product that can be post-consumer recycled into raw materials and the parts recycled into other types of items. Provide percentage amounts in relation to complete 100%.

<u>Part</u>	<u>Post-Consumer Raw/Other</u>	<u>Percentage</u>
<i>Cabinet carcass less hardware</i>	<i>Post-Consumer</i>	<i>100%</i>
<i>Cabinet hardware</i>	<i>Post-Consumer</i>	<i>100%</i>
 - b. If yes, describe the process of separation of the parts for post-consumer recycling from the product.
Remove and segregate all metal hardware and plastic edging from cabinet carcass.
 - c. Does the manufacturer provide a program to facilitate the recycling or re-use of its product or accepting product returns at the end of their useful life?
NO.

G. STRENGTH AND DURABILITY

- Please comment on the strength and durability aspects of the product.
All materials meet and/or exceed industrial level standards, ANSI and Architectural Woodwork Institute (AWI) Premium Level. Stevens Advantage casework structural integrity equals or exceeds the Scientific Equipment & Furniture Association (SEFA) structural integrity standard and is the base of performance used in the AWI Architectural Woodwork Standards (AWS) 2nd Edition (2014).