



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

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

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

<i>Product</i>	<i>Transportation</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).*