

Material Recovery Opportunities / Waste Stream Profile for Furniture Components

This profile provides high level summary information about solid waste management for furniture materials. The profile was developed to provide interested parties assistance in determining disposal options and recover values from various furniture materials.

Material (1)	Means of Diversion		Price / Pound (3)
	Examples (2)	Reuse or Recycle Options	
Aluminum			\$0.15 - \$1.00
Cast Aluminum	Chair bases, arms, etc...	Can be sent to metal recycler.	
Extruded Aluminum	Panel tracks, chair controls, etc...	Can be sent to metal recycler.	
Zinc			
Diecast Zinc	Drawer pulls, some grommets, etc...	Can be sent to metal recycler.	\$0.15 - \$0.40
Plastics			\$0.01 - \$0.25
Acrylonitrile Butadine Styrene (ABS)		Can be ground into pellets and sold as raw material.	
Polyvinyl chloride (PVC)	Panel banding, worksurface rims, etc...	Can be ground into pellets and sold as raw material.	
Polyurethane, Flexible Material	Chair cushions,	Can be shredded and made into carpet pads, pillows, etc...	
Polyurethane Packaging Material	Packaging cushions for seating.	Can be sent back to the supplier for reuse.	
Nylon Components	Chair bases, structures, arms, etc...	Can be ground into pellets and sold as raw material.	
PET		Can be ground into pellets and sold as raw material.	
High density polyethylene (HDPE)	Seating inner backs and seats	Can be ground into pellets and sold as raw material.	
Expanded Polystyrene (EPS)	Packing materials	Can be ground into pellets and sold as raw material.	
Poly Carbonate		Can be ground into pellets and sold as raw material.	
Iron/Steel			\$0.06 - \$0.08
Thin Gauge Steel (> 1/16")	Metal cabinets, etc...	Can be sent metal recycler.	
Thick Gauge Steel (> 1/16")	Brackets, panel frames, chair cylinders, chair frames, etc...	Can be sent metal recycler.	
Brass	Keys, chair control bushings, etc...	Can be sent metal recycler.	
Paper			\$0.01 - \$0.06
Corrugated Packaging	Cartons, packing trays, etc...	Can be sent to paper or corrugated mill and broken down into pulp and reused in paper industry	
Office Paper	Literature, pricing materials, hang tags, instruction sheets, etc...	Can be sent to paper mill and broken down into pulp and reused in paper industry	
Glass			\$0.01 - \$0.02
Tempered Glass	Insert tiles	Can be ground for raw material for glass, or used as abrasive for sandblasting.	
Fiberglass	Panel frames	Can be reused for insulation.	
Textiles			\$0.00 - \$0.00
Vinyl's	Chair vinyl's, panel vinyl's, etc...	No market available at this time.	
Woven Fabrics	Chair vinyl's, panel vinyl's, etc...	Can be sent back to textile industry for matting reuse in auto industry for sound barriers.	
Leather's	Chair vinyl's, panel vinyl's, etc...	Can be sent back to leather industry for reuse.	
Wood			\$0.00 - \$0.00
Veneers	End panels, worksurfaces, etc...	Can be ground and used for mulch, fuel, composite wood, etc...	
Dimensional Solid Stock Components	Chair frames, base caps, etc...	Can be grounded and used for mulch, fuel, composite wood, etc...	
Hardwood Plywood	Lounge frames, seat pans, seat backs, etc..	Can be ground and used for mulch, fuel, composite wood, etc...	
Particleboard	End panels, worksurfaces, etc...	Can be ground and used for fuel, composite wood, animal bedding, etc...	
Medium Density Fiberboard (MDF)	End panels, worksurfaces, etc...	Can be ground and used for fuel, composite wood, animal bedding, etc...	
High Density Fiberboard (HDF)		Can be ground and used for fuel, composite wood, animal bedding, etc...	

(1) Note: Furniture assemblies can be disassembled with standards tools.

(2) Note: Examples do not include all furniture components.

(3) Note: Prices are rounded and can vary significantly for material grades, markets, trends, etc...