



Environmental Statement

Hi5 Furniture strives to lessen the impact to our environment through the products we offer. This philosophy is extended to material suppliers thereby encouraging them to increase recycled and eco-friendly content in the raw materials used to help create Hi5 products. Sustainability is increased by the use of new and alternative materials when appropriate as well as searching out new technology used in manufacturing that may reduce environmental impact.

Following are a few examples of the materials used to manufacture Hi5 products demonstrating our commitment to sustainability and our role as being good stewards of the environment:

Substrate Material:

Standard Particleboard

- M3 industrial grade 47 lb. density particle board.
- 100% pre-consumer recycled wood fiber particle board certified by Scientific Certification Systems (SCS). Particleboard is at least 90% wood fiber by weight.
- Forest Stewardship Council (FSC); mixed credit available (optional).
- Meets California Air Resources Board (CARB) Regulation 93120.2, Phase 1 emissions limits
- Environmentally Preferable Product (EPP) Certified by the Composite Panel Association
- No Added Urea-Formaldehyde (NAUF) Particleboard (Option)
- Collaborative for High Performance Schools (CHPS) Section 01350 Compliant

Surface Material:

High Pressure Laminate (HPL) found on Hi5 tables utilize raw materials sourced by responsible forestry management practices as well as meeting the certifications and standards below:

- Conforms to SCS Recycled Content Standard V7-0 for a Minimum 34% Post-Consumer Recycled Wood Fiber Content.
- Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e.3 -2019 (Credits 7.6.1, 7.6.2, 7.6.3) for the open plan and private office workstation parameters 1,2. Also conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 (effective January, 2017) for the open plan1, private office2, school classroom2 parameters.
- GREENGUARD Indoor Air Quality Certified®
- GREENGUARD GOLD Standard UL 2818 - 2013 for Chemical Emissions for Building Materials, Finishes and Furnish
- IEQ Credit 4.4- Low Emitting Materials
- LEED v4 Indoor Air Quality-Low Emitting Materials
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Adhesive:

- PVA adhesive used for bonding laminate is GREENGUARD Indoor Air Quality Certified®
- Low VOC emissions
- Contains no added urea-formaldehyde

Edge Material:

- Wood Edge: Natural wood edging available in a variety of edge profiles
- Wood is a biodegradable, renewable resource
- Forest Stewardship Council (FSC) Certified Lumber is available for use on wood edges (optional)

Materials and Resources:

- MR Credit 2 Construction Waste Management, Divert 50% from Landfill - 1 Point, Divert 75% from Landfill - 2 Points
- Hi5 Furniture products are packaged using recyclable (Cardboard, Wood and Plastic) materials which can reduce disposal into landfills.
- MR Credit 4 Recycled Content, 10% (post-consumer + ½ pre-consumer) - 1 Point 20% (post-consumer + ½ pre-consumer) - 2 Points
- Hi5 Furniture Standard particle board and NAUF particle board are made of 100% pre-consumer recycled wood fiber. Particleboard is at least 90% wood fiber by weight.
- MR Credit 5 Regional Materials 20% Manufactured Regionally - 1 Point
- Hi5 Furniture products may contribute to this credit for projects located within a radius of 500miles. Hi5 Furniture products are manufactured in Kansas City, Missouri 64150.
- MR Credit 7 Certified Wood 50% of wood products to be FSC certified - 1 Point
- FSC Certified particle board material is available in both standard and NAUF particle board. (optional)
- Hi5 Furniture Tops are available with wood edges. FSC certified lumber is available on wood edges (optional)
- IEQ Credit 4.4 Low-Emitting Materials, Composite Wood & Laminate Adhesives 1 Point (N/A)
- Fixtures, furniture and equipment (FF&E) are not included in this credit, Hi5 Furniture products may contribute to an Innovation in Design Credit when used as part of a Green Furniture Program, see below.
- Credit 4.5 Low-Emitting Materials, Systems Furniture and Seating – 1 Point (Potential)

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- Hi5 Furniture vendors have successfully passed SCS Indoor Advantage Gold certification and Greenguard indoor air quality tests. As the final manufacture, Hi5 has not conducted third party testing in order to obtain a certificate at this time.

Innovation and Design Process:

- ID Credit 1 Innovation in Design – 1- 5 Points
- Hi5 Furniture products may contribute to Innovation in Design Credit 1 when used as part of a Green Furniture Program.
- Hi5 Furniture products constructed with the optional No Added Urea-Formaldehyde (NAUF) particle board core can contribute to this ID credit.
- All Laminate and edge adhesives used on Hi5 Furniture products are low VOC and do not contain any added urea-formaldehyde.
- Steel table bases with Low VOC powder coat finishes or polished aluminum bases can contribute to ID credit.
- LEED Innovation credits can also be achieved when a project exceeds the criteria by twice the base requirements of the credit or, in the case of multi-tiered credits, the next tier.

There is a sincere effort at Hi5 Furniture to leave our environment in better condition to those that follow us. This includes internal efforts of conservation, recycling, and waste reduction in many forms.

Hi5 Furniture has reduced overall energy consumption through the use of such things as a new boiler, a new fuel-efficient infrared oven, new lighting, and new heating units, as well as installing energy saving light switches throughout our facility while recycling the old lighting we replaced.

High efficiency drinking water dispensers are utilized by our employees thereby saving thousands of water bottles from being disposed in landfills annually.

Recycled material at Hi5 includes cardboard, aluminum, scrap steel, plastic, wood pallets, paper, and use powder coating to eliminate the hazards of wet painting.

We have eliminated the use of materials containing Ozone Depleting Substances or ODS's which include chlorofluorocarbons (CFC's) and hydro chlorofluorocarbons (HCFC's) traditionally used in glues. We have established programs to recycle manufacturing waste that in the past was sent to landfills.

Furniture painting and finishing processes have traditionally produced hazardous chemical byproducts collectively called Volatile Organic Compounds or VOC's. Significant investments in new finishes and finish application technologies have reduced our VOC emissions by 94%. By eliminating harmful VOC's produced from liquid paints, powder coating was developed as an environmentally

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friendly alternative that boasted better durability. Although the nature of powder coating does not currently lend itself to using recycled materials for virgin powder, we utilize over-spray collections on the powder coating lines, which boosted powder utilization to over 95%. The autophoretic coating line is considered "green" as the coating is a chemical rather than electrical deposition, and encompasses a chemical reaction to metal (ferrous) material.

With limited discharges of wastewater monitored and compliant to MPCA guidelines, our process water conservation effort resulted in reducing water usage by 66% in 4 years.

We work with a local paper recycler who has set up containers at our plants which has resulted in tons of paper being diverted from the landfills. We have a shipment management system that allows us to efficiently time shipments to ensure we ship trucks as full as possible to conserve energy and lessen our carbon footprint.

We pride ourselves in exceeding the federal, state, and local codes in which we do business.

Hi5 Furniture is committed to designing and manufacturing products in a manner that protects the environment in which we live. Our commitment can be seen by our products that are environmentally friendly throughout their life cycles. Hi5 products are manufactured to reduce total disposals as demonstrated by the simple fact that we build products with limited lifetime warranties that are designed to last for years. Our products limit the dispose and repurchase cycle that causes many environmental problems.

Please know we are committed to continuous improvement in this endeavor and will forever be cognizant of the fact we must leave our world in better condition than which we found it.

Hi5 Furniture has made tremendous progress in our "Green" journey.



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TSCA Title VI, Formaldehyde Standards for Composite Wood Products

California Air Resource Board's Airborne Toxic Control Measure (CARB) Phase 2

The EPA established TSCA Title VI, Formaldehyde Standards for Composite Wood Products, which are consistent with the requirements that were already in place by the California Air Resource Board's Airborne Toxic Control Measure (CARB) Phase 2 for products that were sold in California.

Products manufactured or sold by Hi5 Furniture, Inc. are in compliance with both the existing CARB Phase 2 requirements and the new EPA TSCA Title VI regulations.

Furthermore, our particleboard and medium density fiberboard (MDF) suppliers are certified by the Composite Panel Association (CPA) to be in compliance with the EPA TSCA Title VI requirements. Our laminate manufacturers are Greenguard Certified for Indoor Air Quality. Together, Hi5 Furniture and their suppliers provide safe high-quality products with low emissions.