

CARB PHASE 2 & EPA FORMALDEHYDE EMISSION STANDARDS

Overview

Richlite Company is committed to manufacturing environmentally responsible products that support safe indoor air quality. This statement confirms that Richlite® surfaces meet or exceed the most stringent formaldehyde emission standards under CARB Phase 2 and U.S. EPA TSCA Title VI.

Applicability

These standards apply to hardwood plywood, MDF, and particleboard. Because Richlite is a paper-based phenolic composite, not a wood-composite panel, it is not subject to CARB 2 or EPA formaldehyde regulations.

Material Composition and Performance

Richlite is made from FSC®-certified and/or recycled paper fibers and thermoset resin, pressed under heat and pressure to form a dense, inert sheet. The cured structure is chemically stable, non-thermoplastic, and contains no urea-formaldehyde resins, resulting in emissions far below regulated limits.

Testing and Results

Independent **UL Environment GREENGUARD Gold** testing confirms:

Richlite emissions: < 0.001 ppm | **CARB / EPA limit:** 0.05 ppm

Richlite performs at **less than 2% of the allowable threshold**, supporting compliance with LEED® v4.1 EQ Low-Emitting Materials credits.

Conclusion

While not regulated under CARB 2 or EPA TSCA Title VI, Richlite products demonstrate ultra-low formaldehyde emissions and contain no added formaldehyde. This performance reflects Richlite's ongoing commitment to product transparency, safety, and sustainable design.