



## THE TECHNOLOGY

Formaldehyde is a chemical used widely in the manufacturing of building materials and household items. In 2004, the International Association for Research on Cancer (IARC) identified formaldehyde as a known carcinogen. One of the most significant sources of formaldehyde exposure within the home can be attributed to pressed wood products containing urea-formaldehyde resins. This technology uses soy protein as a base material to prepare green resins that have been modified to improve their mechanical properties while maintaining their green property. Thus, they do not rely on petroleum for base material and do not pose a threat to the environment.

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## THE PRODUCT

### Transform™

e2e Materials has developed high strength composites using a proprietary soy matrix-based resin and natural fibers with no formaldehyde or other petroleum-based products. The company's cabinets are made out of standard 1/4" thick high-strength composite material with a honeycomb design to provide for extra strength. The products are finished with a "whitewash" stain that tints the material, while allowing the unique material texture to show through. All of the finishes are water-based and coupled with sustainable, zero volatile organic compound (VOC) material.