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Journal of Adhesion Science and Technology > Volume 27, 2013 - Issue 18-19: Biobased Adhesives

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Articles

## Soy flour dispersibility and performance as wood adhesive

Charles R. Frihart \( \subseteq \& Holly Satori

Pages 2043-2052 | Received 14 Mar 2011, Accepted 15 Nov 2011, Published online: 10 Aug 2012

**66** Cite this article ⚠ https://doi.org/10.1080/01694243.2012.696948

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## **Abstract**

Soy flour adhesives using polyamidoamine-epichlorohydrin (PAE) resin as the curing agent are being used commercially to make bonded wood products. The original

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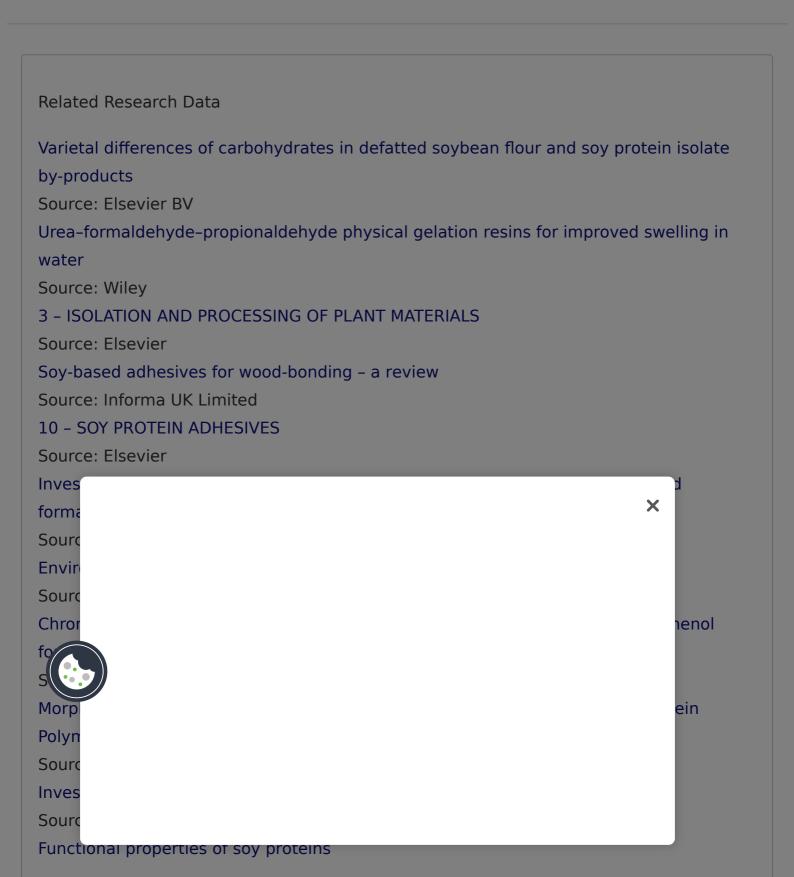
**Q** Keywords: soy flour dispersibility bond strength viscosity

particle size



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We thank United Soybean Board through grant 0458 and Ashland-Hercules Water Technologies for support of this work. The comments of Linda Lorenz and Jane O'Dell have been valuable to this program.



Source: Wiley

**ARTICLE** 

Source: Wiley

Improved Approaches to Analyze the Nonlinear Behavior of Adhesives in Bonded

Assemblies

Source: CRC Press

Carbohydrate composition of soybean flours, protein concentrates, and isolates

Source: American Chemical Society (ACS)

Improving soy-based adhesives for wood particleboard by tannins addition

Source: HAL CCSD

Isoelectric pH of polyamide-epichlorohydrin modified soy protein improved water

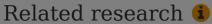
resistance and adhesion properties

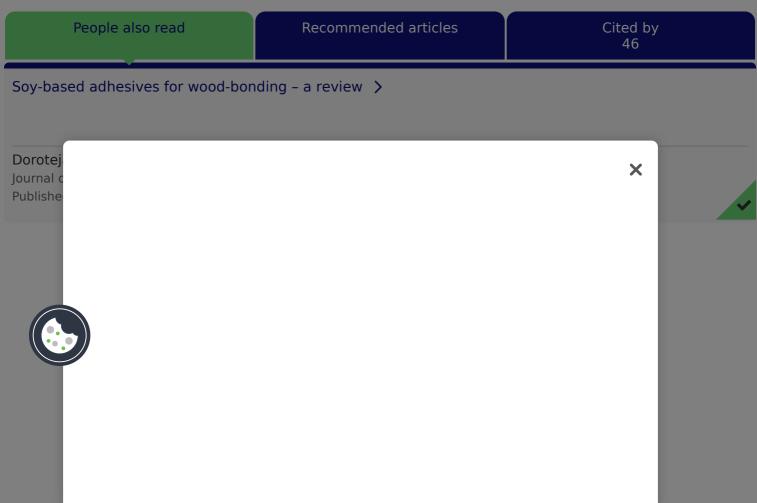
Source: Wiley

A sustainable bio-based adhesive derived from defatted soy flour and epichlorohydrin

Source: Springer Science and Business Media LLC

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