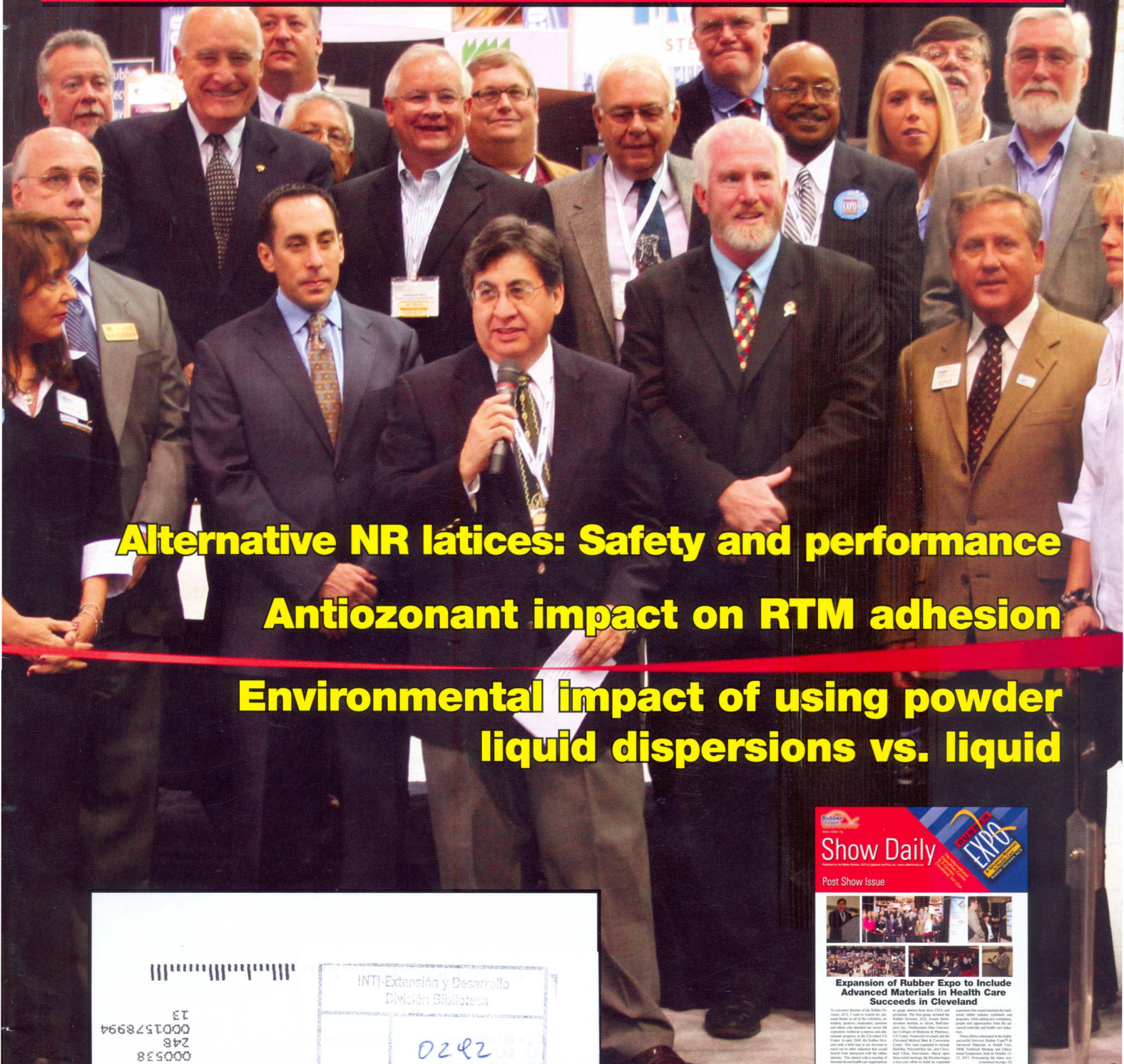


RubberWorld

THE TECHNICAL SERVICE MAGAZINE FOR THE RUBBER INDUSTRY VOLUME 245, No. 2



Alternative NR latices: Safety and performance

Antiozonant impact on RTM adhesion

Environmental impact of using powder liquid dispersions vs. liquid

Expansion of Rubber Expo to Include Advanced Materials in Health Care Succeeds in Cleveland

The Rubber Division of the Rubber Institute (RDI) is proud to announce the successful expansion of the Rubber Expo to include advanced materials in health care. The event, held in Cleveland, Ohio, was a major success, attracting a large number of attendees and exhibitors. The expansion was made possible through the support of the Rubber Division and the Rubber Institute. The event was held from November 13-15, 2011, and was a major success. The expansion was made possible through the support of the Rubber Division and the Rubber Institute. The event was held from November 13-15, 2011, and was a major success.

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FEATURES

16 Tech Service: Impact of using Suprmix versus liquid on environment

by Stephen O'Rourke and Jeffrey Beckman, HallStar. Suprmix versions of liquid rubber additives show significant improvement in mix cycle times and in total power consumption.

19 Alternative NR latices: Safety and performance

by Katrina Cornish, Ohio State University. Development of alternative latices is presented, including production of high performance rubber from guayule and the Russian dandelion, and protein reduction and epitope disruption methods in latex from *Hevea brasiliensis* and in manufactured products.

24 Antiozonant impact on RTM adhesion: Part 2

by James R. Halladay and Patrick A. Warren, Lord. An investigation into the effect of antiozonant level and type on adhesion of an NR/BR compound to metal examines both a conventional high-sulfur cure system and a low-sulfur soluble cure system and includes an evaluation of the environmental robustness of the bond using stressed boiling water testing.



31 Show Daily - Post Rubber Expo Issue

Published for the Rubber Division, ACS, by Lippincott & Peto, Inc., this follow-up to the Rubber Expo & Advanced Materials in Health Care/180th Technical Meeting & Educational Symposium, held October 11-13 in Cleveland, OH, includes photographs and summaries of meeting events, including Rubber Division award winners, exhibitors, job fair participants, and more.

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Digital Edition Content

See the November digital edition of Rubber World for additional content not found in the print edition

- More U.S. patents
- Expanded business news
- Expanded equipment information
- Expanded instrumentation information
- Expanded materials information
- Expanded literature selection

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