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LIGHT-CURABLE SYSTEMS

A bop PUBLICATION

Mercury-Free PU Adhesives

Reducing Entrapped Air

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This feature from Bayer MaterialScience, an industry leader in polyurethane chemistry, provides formulating help to readers.

LIGHT-CURABLE OPPORTUNITIES

Light-curable materials offer several avenues to increase productivity and reduce waste over traditional systems.

MERCURY-FREE POLYURETHANE ADHESIVES This article examines three new PU hardeners that are

free of mercury catalysts but offer final bonding characteristics similar to mercury-containing adhesives.

CARBON DIOXIDE COATING RESIN TO BE DEVELOPED

DSM and Novomer have partnered to create a polycarbonate resin using \mbox{CO}_2 as a raw material.

WALKING THE WALK

Tremco Inc. explains its plans to use the latest sustainable products and processes in its headquarters renovation.

THE EVILS OF ENTRAPPED AIR

Air trapped in convenience cartridge packs can compromise adhesive performance.

A BETTER MIX

Dual-axis centrifugal mixers can handle small batches of high-viscosity products quickly and efficiently.

ROBOTIC SEALING AUTOMATION

Sealing robots can help increase competitiveness, product quality and workforce safety.

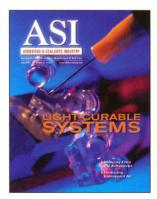






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ON THE COVER: Light-curable adhesive systems can enable numerous assembly process improvements. Photo courtesy of DYMAX Corp.

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