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#### **ADHESIVES & SEALANTS INDUSTRY**

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### LIGHT-CURABLE SYSTEMS

A bop PUBLICATION

Mercury-Free PU Adhesives

Reducing Entrapped Air

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#### **Q&A ABOUT POLYURETHANE**

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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.

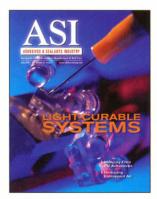






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ON THE COVER: Light-curable adhesive systems can enable numerous assembly process improvements. Photo courtesy of DYMAX Corp.

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