

ROHM AND HAAS

HEADING: FASTER PROCESSING, IMPROVED PRODUCT SAFETY IN ENVIRONMENTALLY ADVANCED TECHNOLOGIES - ALL COMING FROM ROHM AND HAAS ADHESIVES.

Building global leadership in environmentally advanced adhesive innovations is a core emphasis of Rohm and Haas. At Converflex 2009, the company will present advanced, solvent-free laminating adhesives that are said to enhance environmental benefits and productivity for food packaging while bringing enhanced performances to the final packaging.

For converters, ROBOND water-based adhesives improve worker safety and eliminate solvent emissions. These adhesives also tackle solvent-retention concerns that can affect food quality, and eliminate primary aromatic amine (PAA) formation. Additionally, ROBOND adhesives provide high shear strength that allows faster slitting to streamline the laminating process, allowing converters to lower inventory and reduce delivery time to customers. More versatile, new second-generation products offer enhanced capabilities for most of general and medium performance applications as well as selected, higher-performance applications such as triplex structures containing aluminium foil used in the packaging of aggressive foodstuffs.

The MOR-FREE ELM solventless series represents another key environmentally advanced technology. The amount of free isocyanate monomer in MOR-FREE ELM products is below 0.1 percent, which drastically lowers the risk of PAA formation and therefore reduces the waiting time needed prior to shipment. MOR-FREE ELM adhesives are well suited for general to medium performance food packaging applications.

Rohm and Haas is also enriching its range of ADCOTE solvent-based high performance adhesives for retort and oven-resistant applications. Uniquely formulated to withstand extreme heat and aggressive contents, these adhesives run on existing equipment at faster line speeds and with good wetting and solvent retention performances. They resist aggressive foods with versatility to allow use in triplex or quadruplex structures for outside layers of retortable packaging where polyester-to-foil or polyester-to-nylon laminates are desired.

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