

Dr. Stuart Duncan
Bostik; UK-Kidderminster



DESIGNING A NEW GENERATION OF HIGH-PERFORMANCE UVPSA

ABSTRACT

With the increasing demand for more sustainable solutions across all industries, there is a strong drive to move away from traditional solvent-based materials, including pressure-sensitive adhesive (PSA) products. For Bostik, this trend will have a significant impact on the Aroset range of solvent-based acrylic PSAs. In response, we are pleased to introduce Bostik's new UV-curable acrylic hotmelt technology, Arocure.

Unlike many existing UV acrylic hotmelt products, Arocure has been developed to deliver performance comparable to that of solvent-based systems, a challenge that has historically limited the adoption of UV acrylic PSA technologies. With this innovative platform, we aim to expand into applications where UV acrylic PSAs currently have minimal presence, particularly within the graphics industry.

By combining the sustainability benefits of a solvent-free technology with the high performance expected from traditional solvent-based adhesives, Arocure represents a significant step forward in meeting the evolving needs of the market.