



**2003 Spring Convention – St. Louis, MO
April 13-16, 2003**

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New Technologies in Adhesives and Sealants

Novel Metal Containing Crosslinkers for High Solids and Hot Melt Acrylic Pressure Sensitive Adhesives: The Benefits of Reversible Crosslinking, Michael Bailey, Sartomer Company, USA

Developing New Polyurethane Reactive Hot Melt Technologies to Meet Challenging Market Needs, Yingjie Li, Henkel Adhesives, USA

Viscoexcel-30 – A New Rheological Modifier, Yoshisada Kayano and Kasatoshi Fuamoto, Shiraishi Kogyo Kaisha, Japan

Use of a Joint Tracking System for the Adhesive Application on Coated Surfaces, Klaus Schlickerieder, Institute for Machine Tools & Industrial Management, Germany

Market Trends and New Applications in Sealants, Sealants

The Changing Dynamics of the North American Sealants Market, Robert Smith, The Chemquest Group, Inc., USA

PATH: New Directions and New Partners, David Engel, U.S. Department of Housing and Urban Development, USA

Polyurethane Technology in Strip-Seal Systems for Use as Weatherseal Joint Repair in the Building Envelope, Eric Muench, Sika Corporation, USA

Developments in the Processing and Packaging of Sealants

Sausage Packaging of Pumpable Products, Tom Mysker, Poly-clip Systems Corporation, USA

A Shift Toward Two Component Adhesive Packaging that Fits in Standard Caulking Guns, Daniel Mottram, TAH Industries, Inc., USA

Demanding Markets

Value Chain Analysis, Phil Phillips, The CHEMARK Consulting Group, USA

Counter-Sourcing Strategies, Dick Maxwell, Forbo Adhesives LLC, USA

UV/EB Curing: New Materials, Methods and Applications

New Novel Oligomers Designed to Ease Formulating of UV/EB Laminating Adhesives, Deborah Smith, Sartomer Company, USA

Radiation Curable SBC Offers New Perspective for High Performance PSA, Martine DuPont, Kraton Polymers, Belgium

Radiometric Methods for UV Process Design and Process Monitoring, Richard Stowe, Fusion UV Systems Inc., USA

Re-engineering Production Processes Using Electron Beam Curing, Thomas Kauffman, Rohm and Haas Company, USA

Pushing the Borders: New Developments in Sealant Technology I

Pushing the Borders of our Technology by Adhesive Bonding, Hans Poulis, Delft University, The Netherlands

Acrylic Modified MS Polymer Technology for Sealant and Adhesive Applications, Takashi Hasegawa, Kaneka Texas Corp., USA

Polyether Effects on Polyurethane Performance: Ethylene Oxide Capping and Urethane Physical Properties, Derek Crawford, Bayer Corp., USA

Solid State NMR Studies of Silylated Polyurethane (SPUR) Polymers, Ken Guyer, OSi Specialties, A Crompton Business, USA

New Developments in Sealant Technology II

Building America: Research for Residential Energy Savings, Ren Anderson, National Renewable Energy Laboratory, USA

Silyl-Terminated Oligomers for Construction Sealants, Michael Porsch, Degussa Corporation, USA

Failure Analysis of Sealants and Techniques for Remediation, Joseph P. Solinski, Stone and Glazing Consulting, USANew Methods for Marketing and Selling

Enabling New Technical Solutions in the Adhesives and Sealants Market, François Bauduin, SpecialChem, France

The Science of Adhesion

The Influence of an Air-Plasma Surface Treatment on Adhesion to Thermoplastics, Composites and Metals of Epoxy Adhesives, Terry Gordon, Permabond Division of National Starch, USA

Acrylic Pressure Sensitive Adhesive Tapes in Structural Applications in Housing Construction, Dr. David Dillard, CASS at Virginia Tech University, USA

New Application Methods for Waterborne Adhesives: Delivery Systems

Non-Refillable Cylinder Design and Packaging Requirements, Steve Gentry, Worthington Corporation, USA

Microcapsules for Reaction Control, Timothy Banach, Schenectady International, Inc., USA

Foaming Water Based Adhesives: Applications and Impact on Adhesive Properties and Formulations, Don Berlin, E.T. Oakes, USA

New Application Methods for Waterborne Adhesives: Coating Techniques

Reformulating for Curtain Coating: Curtain Physics and Fluid Properties, John Taylor, Capella Technology, USA

Curtain Coating of Adhesives: A Comparison with Gravure, Blade and Slot Die, James Wheeler, WESEECO LLC, USA

Loss-free Application of Waterborne Adhesives with the VACUMAT[®], Burkhard Schuette, Schiele Company, Germany

A Global Market Overview

The Position of FEICA in the Process of Globalization, Arnd Picker, Henkel Group, Germany

Overview of Latin American/Asian Pacific Adhesive and Sealant Markets, Dave Nick, DPNA, USA