

**APRIL 17-19, 2023**  
**Hyatt Regency New Orleans, LA**



2023 ASC Convention Proceedings

### Resins, Recycling and Industry Updates

Plastic Waste, Reduce, Reuse, Recycle: How Did We Get Here?  
*Christopher White, Senior Managing Scientist, Exponent*

Initiatives in Molecular Recycling: Introducing a No-change Solution That Changes Everything  
*Mick Funderburg, Associate TS/AD Representative, Eastman Chemical*

Full Circularity for Flexible Packaging – How Do We Get There?  
*Sam Schlaich, Council of Government Affairs, Flexible Packaging Association*

### Developing Solutions for New Manufacturing Challenges

Next Generation of Lightweighting Sealers for Automotive Applications  
*Nicholas Huff, Team Leader, New Technology, Sunstar Engineering Americas*  
*Luke Voelker, Technical Sales Engineer, 3M's Advanced Materials Division*

Reliable Bond on Snow: Strong Interlaminar Adhesion in Skis  
*Raphael Schaller, CTO, nolax AG*

Selection of Adhesive for Bonding Optical Lens in ADAS Camera and Case Study of Failure Analysis  
*Aravinda Reddy Bommareddy, Principal Materials Engineer, ZF Electronics & ADAS Global Headquarters*

Inherently Reactive Acrylic Copolymers Containing Type II Photoinitiators for Improved Performance in 100% solids UV-PSA Formulations  
*Christopher MacNeill, Senior Research Scientist, Arkema*

A Low-Residue High Temperature-Resistant Bioinspired Dry Adhesive  
*Burak Aksak, Vice President of Research, Setex Technologies*

### Panel: Navigating Sustainability Market Requirements Through Innovation

*Moderator: Tad Radzinski, President, Sustainable Solutions Corporation*

Compostable Hot Melt Adhesive Development for Personal Hygiene Application  
*Bill Chen, Principal Scientist, Henkel Corporation*

Sustainable Operations: Achieving Net Zero: CO2, Water, and Waste  
*Gloriamar Gamez, Sr. Sustainability Manager Henkel Adhesive Technologies, Henkel Adhesive Technologies*

## Digitalization Tools and Trends

Digital Tools: Moving Beyond Strategy to Implementation

*Jim Swope, Chief Commercial Officer, ChemQuest Group*

Digital Opportunities for Chemical Suppliers - Why and How

*Jay Bhatia, Founder & CEO, Agilis Commerce*

## Materials and Challenges in Building Applications

Innovative Polyacrylic Emulsions for High Performance Foam Adhesive

*Tao Yu, Technical Director, Wanhua Chemical*

Driving the ESG Agenda to Future-Proof your Business in a Changing World

*Michael Okoroafor, Chief Sustainability Officer, McCormick & Company*

## Panel: Epic Challenges in Supply Chains & Shipping: What You Need to Know

**Panel Moderator:** Dan Murray, Senior Vice President, ATRI

Supply Chain Issues: The View from the Road

- Critical Issues in Trucking - Randy Guillot, President, Triple G Express Inc.
- Port Trends and Opportunities - Janine Mansour, Head of Business Development, Port Nola-Port of New Orleans

## Hot Melt Adhesives in Packaging

How Hot Melt Adhesives are Reducing Carbon Footprint – One Box at a Time

*Venky Kalpathy, Scientific Principal-Product Development, Henkel Adhesive Technologies*

Impact of Digitalization and Industry 4.0 on Adhesive Customers

*Larry Saidman, Chief Technologist - R&D, Nordson*

## New Product Introduction

Kurarity = Novel Acrylic Block Co-polymer - New Grades for Adhesives and Sealants

*Nao Okumura, Researcher, Kuraray*

New, Water-white Liquid Tackifier from Teckrez

*Marc Jackson, President, Teckrez, Inc.*

New Styrene-Butadiene Copolymer for Automotive Interior Assembly

*Jesus Eduardo Ibarra Rodriguez, Senior Technician, Dynasol Group*

Improved Durability of Adhesives and Sealants Including Waterbased Systems with Label-free Light Stabilizer Additives

*Mouhcine Kanouni, Technical Marketing Performance Additives, Clariant*

New Polyolefin with High Heat Resistance for Hot Melt Adhesives in Automotive Interior Applications

*Kelven Feng, Principal Scientist, Adhesive Technologies, Synthomer*

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Pot Life to Extraterrestrial Life: Bonding Applications for Deep Space

*Dr. Malik Thompson, Aerospace Materials Engineer, NASA Marshall Space Flight Center Adhesives & Seals Materials*

## Improved Performance Through Material Selection

### Polymerizable Surfactants - As Emulsifier for Adhesive Formulations

*Shailesh Majmudar, Sr. Staff Scientist, Technical Manager, Solvay*

### Rheology Additives with Enhanced Performance for Sealants and Adhesives

*Marcelo Herszenhaut, Commercial Manager, Business Unit Surface Technology, Lehmann & Voss North America*

### Study of CNSL-based Polyols, Diols, and Diluents for Electrical Vehicle Applications

*Yun mi Kim, Sr. Technical Marketing Director, Cardolite Corporation*

### Calcium Based Rheological Modifier

*Kazuya Ito, President & CEO, Shiraishi America Inc.*

## Technologies & Techniques

### Material Characterization Techniques for Adhesives and Sealants - Expanding the Capabilities Using Hyphenated Systems

*Aniket, Principal Product Line Leader, PerkinElmer*

### Study of Cure Behavior of Adhesives and Sealants by Dielectric Analysis (DEA)

*Yanxi Zhang, Technical Sales Support, Netzsch Instruments North America*

### The Benefits of Polycaprolactone Technology in Reactive Hot Melt Adhesives

*Adam Cowell, Technical Market Development Manager – Adhesives, Ingevity*

### Novel Styrenic Block Co-Polymer for Hot Melt Label Adhesives

*Paul Dalley, Principal Scientist, TSRC Specialty Materials*

## Regulatory

### State Chemical Regulatory Policy Developments – A View from Ohio

*Andy Swaim, Ohio Chemistry Technology Council*

### FEICA Regulatory Priorities in 2023 – A View from Europe

*Kristel Ons, Secretary General, FEICA*