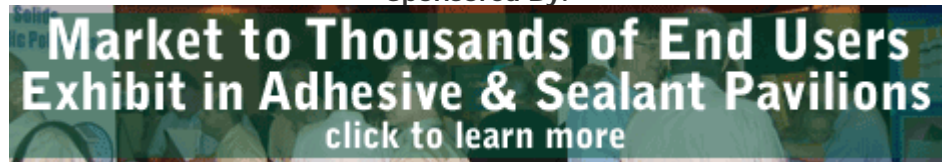


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Welcome to the Adhesive and Sealant Council's *ASC e-Catalyst*

ASC e-Catalyst delivers the latest ASC news, industry information and end-user trends—right to your Inbox. Look for it on the 1st Tuesday of each month.

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ASC News

Additives Formulation & Experiments on March 9

We've saved the best for last! The final segment of the **Additives & Formulating 101 webinar series** will be held on March 9. This session will explore the practical application of additives by examining the basics of formulating and how to design an effective and efficient experiment protocol. Two industry experts will share this vital step in the formulation process. This information has never been offered before, making it a unique feature of the additives webinar series. **Don't miss out...register now.**

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WAC2012 Call for Speakers Now Open

The World Adhesive and Sealant Conference (WAC2012) will take place on September 18-21, 2012, in Paris, France. This important event brings together adhesive and sealant professionals from around the world and is supported by the national associations located in four continents. It will be a memorable event that will greatly benefit ASC members and other industry stakeholders. As co-organizers of the WAC2012, ASC is pleased to support FEICA, the host association, in its quest for compelling educational content and dynamic presenters that offer a global representation of our industry. The Call for Speakers is now open. To request a copy of the speaker guidelines and topic areas, **contact Alessandra Russo, Event and Communication Officer, FEICA.**

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Learn About Formulation, Experiment Design, Plastic Bonding and PSAs

ASC and its educational partner, **Omnexus4Adhesives**, are offering three great webinars this month. Click on the links below to learn more about these topics and to register.

March 9: Additives & Formulating 101 – Session 3

March 9: Optimizing Plastic Bonding with Select Adhesive Formulations

March 30: Characterizing PSA Performance with Industry-based Tests

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Upcoming ASC Convention Deadlines

The **ASC 2011 Spring Convention & EXPO** is shaping up to be a spectacular event. With terrific industry keynote speakers and outstanding educational sessions, a sold out EXPO, the **Hot Melts Technical Short Course**, and hundreds of attendees already registered, this is an event you won't want to miss. The convention is only seven weeks away, so pay attention to these important deadlines:

March 2011

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Discover the benefits adhesives bring to products in ADHESIVES

101

Series Begins May 11

[\(click to learn more\)](#)

March 25 - [Golf Registration Closes](#)
March 25 - [Hotel Discount Ends](#)
April 1 - [Convention Pre-Registration Ends](#)

Don't forget, the golf outing has limited spaces and the Tampa Marriott will fill quickly, so make your reservations soon. [Complete convention details can be found on the ASC website.](#)

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Adhesives 101 Begins May 11

Registration is now open for the [Adhesives 101 webinar series](#). Once again, The ChemQuest Group and ASC are offering this webinar series to help nontechnical individuals build a good foundation of adhesive knowledge. Based on the [North American Adhesive Bonding Professional Training Course](#), this three-part webinar will be held on May 11, 18 and 25. It will cover adhesive markets, the science of adhesion, surface treatment, structural and nonstructural adhesives and proper joint design. Participants will better understand the science behind different adhesive technologies and the benefits adhesives bring to specific applications. Learn how to maximize the many advantages adhesives offer by [attending the 2011 Adhesives 101 course](#).

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Industry News

Celanese Announces EVA Polymer Capacity Expansion at Its Edmonton Facility

Azom.com (02/14/11)

Celanese is expanding production capacity of Ethylene Vinyl Acetate (EVA) polymers at its manufacturing facility in Edmonton, Canada, in light of greater demand fueled in part by growth in the photovoltaic cell industry in China and strong demand for EVA in other parts of Asia. The company is expected to increase capacity by up to 15 percent for higher vinyl acetate content EVA grades at the Edmonton facility in the second half of 2011. "This capacity expansion supports our strategy of geographic growth and delivering specialty products and solutions to our customers and enhances our ability to support customer growth globally," said Mark Murray, general manager of Celanese EVA Performance Polymers. "As global EVA demand in multiple end-use applications increases, Celanese is making strategic investments to continue supporting the needs of industrial and consumer manufacturers worldwide."

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Gabriel Performance Products Receives National Performance Improvement Honor

Gabriel Performance Products (12/14/10)

Gabriel Performance Products (GabePro), a global leader in curative and epoxy resin specialties, received the 2010 Bronze Award from the Society of Chemical Manufacturers and Affiliates for its successful efforts to establish and maintain a combined management system for environmental, health, safety, and security (EHS&S). The effort has resulted in certifications to ISO 9001, 14001, and OHSAS 18001, making it one of only a few select U.S. manufacturing facilities to achieve the multiple certifications. "We are honored to receive national recognition for our company's commitment to performance excellence," said Ken Allen, president of GabePro. "In particular, we commend our employees for their hard work all year to maintain a superior (EHS&S) program in our facility."

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Momentive Specialty Chemicals Completes Sale of Ink & Adhesive Resins Business to Harima Chemicals

Business Wire (02/01/11)

Momentive Specialty Chemicals has completed the sale of its global Ink & Adhesive Resins (IAR) unit to Harima Chemicals, a producer of pine-based products based in Japan. The transaction includes 11 manufacturing facilities on five continents and the IAR global product portfolio. The IAR management team and approximately 650 global associates also joined Harima.


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Upcoming Events

ASC Webinar

date: 03/09/11
time: 10:00 a.m. (ET)
topic: Additives & Formulating 101-Session 3

Omnexus4Adhesives Webinar

date: 03/09/2011
time: 10:00 a.m. (ET)
topic: Optimizing Plastic Bonding with Select Adhesive Formulations

ASC Spring Golf Registration Closes

date: 03/25/11

ASC Spring Convention Hotel Deadline

date: 03/25/11

Omnexus4Adhesives Webinar

date: 03/30/2011
time: 10:00 a.m. (ET)
topic: Characterizing PSA Performance with Industry-based Tests

ASC Spring Convention Pre-registration Ends

date: 04/01/11

The Adhesive and Sealant Council (ASC) is a North American trade association dedicated to representing the adhesive and sealant industry. The Council is comprised of 114 adhesive and sealant manufacturers, raw material and equipment suppliers, distributors and industry consultants, representing more than 75% of the U.S. industry with operations around the world. Offering education, legislative advocacy, professional networking and business growth solutions for its members, the ASC is the center of knowledge and catalyst for industry growth on a global basis for manufacturers, suppliers and end users. For more information about ASC, visit www.ascouncil.org.

For More Information
Contact:
[The Adhesive and Sealant Council](#)
7101 Wisconsin Avenue, Suite 990

Nordson Goes Green at New Headquarters

Cleveland Plain Dealer (OH) (02/01/11) Funk, John

Nordson has opened a new headquarters incorporating green-building technologies in Westlake, Ohio. It expects the 28,000-square-foot building to earn a Leadership in Energy & Environmental Design (LEED) certification from the U.S. Green Building Council. The building features lighting systems equipped with motion sensors and other systems to dim lights automatically. Natural lighting is used extensively throughout the building, which is also equipped with low-flow water fixtures. The building's HVAC system includes individual employee air-flow controls. On the outside, the building's reflective roof includes vegetation native to Ohio to further reduce heat-buildup. The parking lot is made of permeable pavers to absorb rain water rather than send it into storm sewers, and landscaping is designed to further limit stormwater runoff.

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Sika Invests in 200,000-Square-Foot Warehouse

Trailer/Body Builders (02/11)

Sika has opened a new 200,000-square-foot warehousing facility at its Marion, Ohio, location. Consolidation of the current warehousing operations to the new building will occur in closely timed stages by Sika Business Unit, and all actions including merger of existing finished goods inventories should be completed by the end of April. The former warehousing space occupied in the plant will be converted to additional manufacturing capacity.

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UL Environment Acquires Air Quality Services and GREENGUARD

Reuters (02/08/11) Miner, Thomas

UL Environment has acquired Air Quality Services (AQS), a product emissions testing company, as well as its certifying body, the GREENGUARD Environmental Institute. The news comes just 4 months after UL acquired Canadian certification and marketing firm Terrachoice. The acquisition should help UL Environment grow its reputation in the testing space. It echoes the growing consumer awareness around the chemical makeup of the products they are purchasing, and the impacts that these chemicals can have on human health during manufacture and use.

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End-User Perspectives

This Bark Has Commercial Bite

PhysOrg.com (01/26/11) Smith, Elaine

Researchers at the University of Toronto's Faculty of Forestry and Faculty of Applied Science and Engineering are working to transform a forest industry waste product into a steady source of income. The researchers are using tree bark to create environmentally friendly green adhesives and bio-based foams for use in industry. Depending on the species of tree being considered, the bark makes up 6 to 22 per cent of the trunk's weight. The researchers are collaborating with various industry partners to explore the concept of a bark biorefinery, where instead of crude, bark will be converted to multiple products. The team has chosen to focus on adhesives and foam, not only because of large market size but also because the same technology, solvent liquefaction, is used to convert bark from solid to liquid as the starting precursor to both products.

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Water No Match for New Self-Healing Sticky Gel

Newswise (01/27/11)

Scientists can now manufacture a synthetic version of the self-healing sticky substances mussels use to attach themselves to rocks and other objects in the ocean's surf and tidal basins. Potential applications include using this substance as an adhesive or coating for underwater machinery, or biomedical uses such as surgical adhesive or a bonding agent for implants. Mussels secrete hair-thin holding fibers to stick to rocks in lakes, rivers, and oceans. "Everything amazingly just self-assembles underwater in a matter of minutes, which is a

process that's still not understood that well," says University of Chicago postdoctoral scholar Niels Holten-Andersen, who is working with chemistry professor Ka Yee Lee. Many synthetic coats strike a balance between strength and brittleness, and rely on permanent covalent bonds, a common type of chemical bond that is held together by two atoms sharing two or more electrons. However, the bonds of the mussel-inspired material are connected through metals, and exhibit both strength and reversibility. "These metal bonds are stable, yet if they break, they automatically self-heal without adding any extra energy to the system," says Holten-Andersen.

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