



SPEC *Sheet*

SOCIETY OF PLASTICS ENGINEERS – CLEVELAND SECTION

March 2012 Vol. 55 No. 7

www.specleveland.org

Editor: Bruce Bille

This Month's Meeting:

Liquid Silicone Rubber (LSR) Molding – Necessary Components and Growing Market Segments With Akron Section

Monday, March 12, 2012

Harry's Steakhouse
5664 Brecksville Road
Independence, OH 44131

Agenda:

4:30 Board Meeting
5:30 Cash Bar
6:00 Buffet Dinner
6:45 Program

Price: Member and/or guest \$25.00
Retired \$25.00
Student and/or guest \$20.00

Quick Clicks:

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[SPE-Cleveland Website](#)

Reservations must be in by noon on Friday March 9th with
Gary Casterline at 330-240-2543 or gcasterline@gmail.com.

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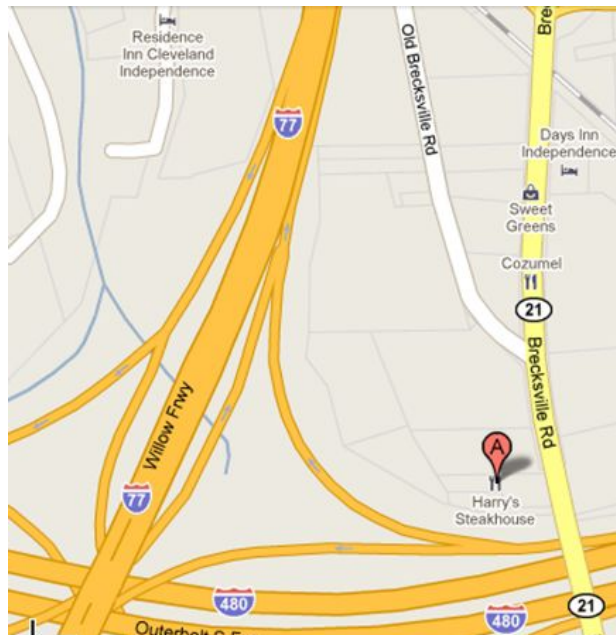
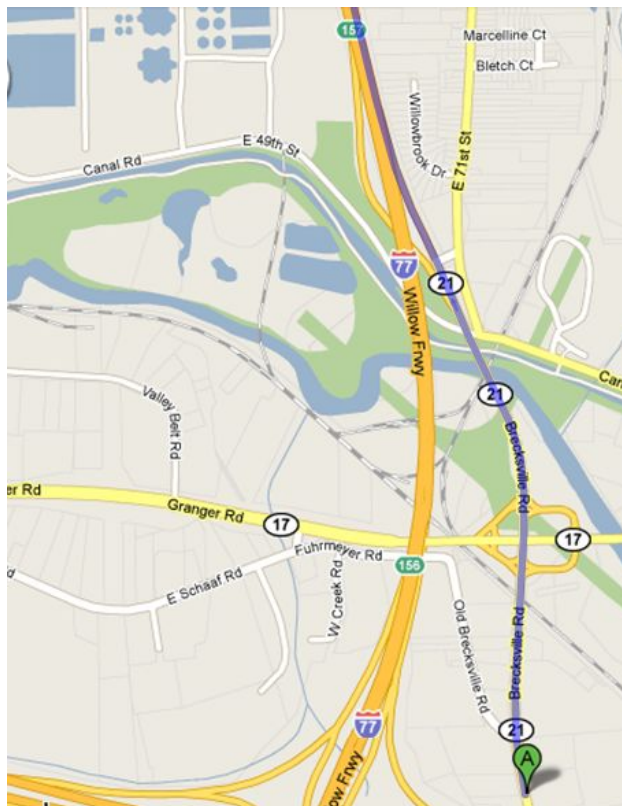
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Directions to Mar 12th meeting:

From Cleveland, take I-77 South to Exit 157 for OH 21/Brecksville Road South
Drive 1.2 miles, Harry's Steakhouse will be on the right.



([Click Here](#) or Ctrl-click on map above right for directions)

About the Program

The topics covered in this presentation will be a general overview of the Liquid Silicone Process from general chemistry, market segments, plastics vs. LSR and examples of parts made using LSR. Additional items that can be discussed could be the necessary equipment for LSR production, additives such as color, antimicrobials and radiopaques.

About the Speaker

Mr. Pelletier received a BBA from Western Michigan University and an AS in Science from Schoolcraft College. He has worked in the LSR & RTV industry for 19 years. Although his main focus is sales and marketing, he also writes service manuals and literature. His knowledge of the systems is largely based on his hands-on approach and he conducts many of the training, installation and technical seminars.

Mr. Pelletier is married and has two boys and a daughter and enjoys being a Baseball Coach and Den Leader in his time off.



President's Message

By Robert Koch

During the years I served as National Sales Manager and President of BOY, I had the opportunity to observe and participate in the growth of liquid silicone rubber (LSR) in injection molding. My involvement began when BOY became the first injection molding manufacturer to option a machine to process LSR to now when LSR has become an integral and important injection molding process.

In addition to a properly optioned injection molding machine, the processing of LSR requires a mix-metering unit that combines the two parts of the silicone and introduces it into the feed throat of the injection barrel. Fluid Automation, Inc. is the U.S. market leader in mix-metering units and Bob Pelletier is an expert in the LSR field.



We are privileged to have Bob as our speaker for our March 12th meeting at Harry's Steakhouse. Join us and learn all about this fast growing segment of the injection molding industry. Please make reservations today. See you on the 12th.

Upcoming Events

Date	Event	Location
April 2-4	ANTEC @ NPE2012 Click for registration information  THE INTERNATIONAL PLASTICS SHOWCASE April 1 – 5, 2012 · Orange County Convention Center · Orlando, Florida USA	
Apr 16	Flexible Electronics- Xiong Gong, U of Akron-Polymer Engineering	Martin Center-Univ. Of Akron
May 14	Awards Night Penn State Behrend Campus Overview Brad Johnson	TBD
Aug 26-29 th	 Global Polymer Innovation Expo	Battelle Hall, Columbus, Ohio

SPE - Cleveland Section S03

Board Meeting Minutes

February 13, 2012

Gary Casterline opened the meeting at 4:37 PM with 4 members present.

Present: Brian Sarvas, Gary Petruska, Gary Casterline and Jerry Blayne.

Absent: Cheng Xiong, Don Haeske, Naresh Alle, Jack Dubsky, Bob Koch and John Sovis.

Treasurer's Report: Jerry Blayne distributed copies and reported. Beginning Balance = \$33,351.02, no income for the month, Expenses = \$3.00, Ending Balance = \$33,348.02. Gary Petruska motioned to accept the report, Brian Sarvas seconded and the motion carried.

Secretary's Report: Gary Petruska motioned to accept as printed, Brian Sarvas seconded and the motion carried.

National Councilor's Report: Gary Petruska will be sending in his notice to decline attendance for the next meeting so his substitute can attend.

Program Report: Gary Casterline reviewed the program for the remainder of the year and requested the Board to begin considering plant tour locations for next year.

Advertising: There are currently only two advertisers.

SPEC Sheet / Web site Report: All submissions are due by the end of the month.

Membership: No report.

House: Gary Casterline reported 15 reservations for the meeting.

Education: Gary Casterline reported that Jack Dubsky had received two scholarship applications. Gary has received 34 essays that will be distributed to the Board for review and requested everyone rank their top ten.

PIC: No report.

Awards: No Report.

Old Business: No old business.

New Business: No new business.

Gary Petruska motioned to adjourn the meeting, Jerry Blayne seconded and the motion carried. The meeting ended at 5:16 PM.

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Global Polymer Innovation Expo

The Rubber and Plastics Research Association (RAPRA), announces the Global Polymer Innovation Expo (GPIE) to be held in Columbus, Ohio August 26-29th, 2012 at Battelle Hall.

GPIE is the platform for addressing the critical needs of the polymer industry:

- Accelerating innovations to market – thereby creating jobs through business growth
- Leveraging the unique capabilities of the region's supply chain
- Addressing the shortage of skilled workers available to the polymer industry by introducing Science, Technology, Engineering & Mathematics (S.T.E.M.) educators to the polymer industry
- Identifying prescriptive paths to careers in the polymer industry for veterans, displaced skilled workers and the under-employed

The conference and exposition will feature the six key areas of polymer growth from the Ohio Polymer Strategy Council's 2011 Roadmap: Conductive & Electronic Polymers, Polymer Nanocomposites, High Performance Polymers, Bio-based Polymers & Feedstocks, Degradable & Recyclable Polymers, and Direct Digital (Additive) Manufacturing.

Keynote speakers include Dr. Robert D. Atkinson, one of the country's foremost thinkers on innovation economics and the author of *The Race for Global Innovation Advantage* and Dr. (VG) Vijay Govindarajan, the Earl C. Daum 1924 professor of international business at the Tuck School of Business at Dartmouth College in New Hampshire. Dr. Govindarajan is one of the world's leading experts on strategy and innovation and was recently named #3 in the Thinkers50 list. Conference attendees include senior company executives, private and university researchers, economic development officials and educators from around the globe. Exhibitors will span the entire polymer value chain from raw materials suppliers and equipment design manufacturers, to research facilities, processors and end product manufacturing.

More information about the 2011 Roadmap is available at www.GlobalPolymerInnovationEXPO.com.

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