



A Subdivision of the Rubber Division of the American Chemical Society

Fall 2012

www.ohiorubbergroup.org

PO Box 341, Bath, OH 44210

2012 Events

OHIO RUBBER GROUP

www.ohiorubbergroup.org

Golf Outing
Monday, August 27, 2012
Portage CC, Akron

Fall Technical Meeting
Tuesday, September 25, 2012
Twinsburg Hilton Inn



RUBBER DIVISION

www.rubber.org

182nd Technical Meeting
& Rubber Expo
October 9-11, 2012
Cincinnati, OH

CLEVELAND CHEMICAL ASSOCIATION

www.clevelandchemicalassociation.com

Monthly Luncheon Meetings
(Schedule available at CCA
website)

A Message from the Chair

The dog days of summer are upon us and that means golf at Portage Country Club. On August 27th, the ORG will host their last 2012 golf outing at Portage Country Club in West Akron, OH. This golf outing will consist of two shotgun starts one at 8:00 a.m. and the other at 1:30 p.m. It is a day of fellowship with other ORG members, customers, and suppliers alike. Please keep this date open and come join us for a day of fun.

As we look further into 2012, please mark your calendars with our remaining technical meeting date and one golf outing. I look forward to working with you as Chair and seeing all of you at our September technical meeting.

Thank you for your continued support.



Nicki Hershberger
Akron Rubber Development Labs
2012 ORG Chair



Rubber Division FREE Job Fair

DATE: Thursday, October 11, 2012 **TIME:** 10 am – 2 pm **LOCATION:** Duke Energy Center, Cincinnati, OH

Support our great industry and showcase your company to potential employees at our **JOB FAIR** taking place during our upcoming International Rubber Expo, 182nd Technical Meeting & Educational Symposium taking place in Cincinnati.

Your company's participation at this event is FREE!

A draped table will be provided for you to display your company information on and your representatives will be able to meet with all students and professionals who visit the job fair. There is no cost to attendees of this event either. Rubber Division, ACS just believes in helping to facilitate professional opportunities for growth in our industry.

Reserve your spot by contacting our Technical & Student Programs Mgr., Linda McClure, at lmccclure@rubber.org or 330-972-7978.

Many thanks to our advertisers



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DINNER RESERVATIONS – September 25, 2012

Advanced Reservation (tickets held at door) - \$35.00 each

Without prior reservation - \$40.00 each

Please reserve _____ tickets - (choose one) Pay at Door OR Payment Encl. (check or credit card)

Credit Card # _____ Exp. Date _____

Name _____

Company _____

E-mail reservations to mpuskas@littlern.com OR mail to Ohio Rubber Group, PO Box 341, Bath, OH 44210

After dinner raffle – tickets available for purchase at meeting

Schedule

4:00 – Registration

4:30 – Technical Presentations

please turn off cell phones

6:00 – Social Hour

7:00 – Dinner (Reserve by 9/21/12)

Fall Technical Meeting Tuesday, September 25, 2012

Hilton Garden Inn, 330-405-4488
8971 Wilcox Drive, Twinsburg, Ohio



Technical Presentations

"Development of New SREs for SAE J2643"

Nancy Zeng, Ph.D., Staff Materials Engineer, GM Powertrain

The first set of SAE J2643 Standard Reference Elastomers was developed in 2004. It is composed of a group of 10 compounds covering multiple elastomer families. Since then, more advanced materials from many elastomer families have been introduced to the automotive industry. The purpose of this study is to add a few more reference compounds to SAE J2643, to enhance the portfolio on FKM, AEM and ACM to reflect the advancement in elastomer technology, broaden the fluid spectrum, and make it suitable for a variety of fluids, such as transmission fluid and engine oil.

"THERBAN/HNBR Elastomers in Aggressive Biodiesel Blends"

Victor Nasreddine, Technical Manager and Key Account Mgr., LANXESS Corporation

THERBAN[®] hydrogenated nitrile rubber (HNBR) is a specialty elastomer used in demanding engineering applications such as the automotive, heavy duty, and industrial markets. It has excellent combination of heat, oil and abrasion resistance in addition to its high mechanical strength, very good dynamic and sealing properties.

This paper will present data on aging HNBR for five thousand hours in an aggressive and un-stabilized B30A biodiesel fuel blend (70% ULSD, 30% SME, and an aggressive additive package) and explore the effect of HNBR polymer properties and vulcanizate composition on the performance in such blends.

"LORD VOC Compliant RTM Bonding Systems"

Jeffrey D. Means, Technical Service Rep., Lord Corp.

This presentation will review the proposed limits to the VOC rules for VOC emissions in Cleveland Ozone Non-Attainment Areas, proposed VOC compliant Chemlok product solutions for both solvent and aqueous technology available by LORD, and alternate available solutions such as custom coating or abatement controls.



Dinner Reservation Form on Preceding Page

2012 Directors

Chair - Nicole Hershberger
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Vice-Chair – Jonathan Karas
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2012 Committee Chairs

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Newsletter/Rec.Secy – Mary Puskas
Ohio Rubber Group 330-848-8847
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Division News from the Rubber Division, July 2012

Join us at our International Rubber Expo, 182nd Technical Meeting & Educational Symposium. Registration is now open for our International Rubber Expo, 182nd Technical Meeting & Educational Symposium at the Duke Energy Center in Cincinnati, OH - October 9-11, 2012. If you will be joining us in Cincinnati, the Local Coordinating Committee is in need of volunteers to assist with the expo. Please reply back to this if you have an interest in volunteering for one to two hours.

International Conference on Innovation in Technologies or Processing of Rubber & Elastomers

Polymer Processing Academy has organized an International Conference Mumbai on October 26-27 at the Ramada Inn. The two-day International Conference will cover the following topics:

1. Importance of rheology and its understanding in enhancing the processing of rubbers & elastomers
2. Compounding of rubbers & elastomers for improved processing .
3. Emerging processing technologies of rubbers & elastomers
4. New development in testing & evaluation
5. Current status in R & D and polymer modification in rubbers & elastomers
6. Innovations in reinforcement materials, additives and nano materials .
7. Emerging trends in recycling of rubbers & elastomers
8. Green technologies and advances in sustainability issue
9. Shift in applications from rubbers to TPEs

They would like to welcome support with the contributing of technical papers on any of the above subjects or with sponsoring the event.

E-mail Rubber Division member Manu Patel for more information.

Rubber Division, ACS Partners with RAPRA Limited

RAPRA Limited is excited to have us partner with them to promote attendance at their Global Polymer Innovation EXPO August 26-29 in Columbus, OH. They have extended a special discount code to our Rubber business conference registration. Standard early bird pricing is \$495 through July 11. With the discount code below, our members can receive \$50 off at time of registration, regardless of when you register. The discount code is: **acssave50**

Online Courses Special Offer

Special offer to our members! Take Basic Rubber Technology, Intermediate Rubber Technology & Advanced Rubber Technology and receive \$50 off!

Receive \$50 Off with Promo Code: 50OFF-COURSE *Enter code upon check-out when registering.

India's Rapidly Growing Rubber Sector

Learn how Capexil, India's premier trade facilitation council, with over 4,000 members, can help your business establish sourcing, distribution, joint ventures and partnerships for both the Asian market and in the United States. Growth in India's rubber sector is projected at 15% per year over the next five years, as the per capita consumption is set to rise dramatically. Email Steve Bellows for more information.

Rubber Division Get-A-Member Program - Win \$500!

New members who join who are referred by a current member will receive a Rubber Division, ACS insulated lunch bag/cooler. Existing members who refer the new member to sign up and actively participate in the Rubber Division will receive a complimentary copy of The Rubber Mirror: Reflections of the Rubber Division's First 100 Years.

Here's the fun part! Until October, the Rubber Division will keep track of how many referrals you have brought in since the 2011 expo and the member who has referred the most new members will win a \$500 gift card!

In the event of a tie, a random drawing will be held to determine the winner. The winner will be announced at the 2012 International Rubber Expo in Cincinnati, OH. Start referring your colleagues sooner rather than later!

We currently have over 1,900 members and we continue to grow. Keep referring others in the the industry and help them understand the value we can offer them.

Please feel free to contact me with exciting industry news or upcoming events. I will do my best to include it in our next newsletter.

Thank you for your continued support of Rubber Division, ACS.

Heather Maimone
Membership Manager Rubber Division, ACS
hmainonerubber.org 330-972-6685

All photos by Shelby Washko – Thanks Shelby!



Please consider a contribution to the 2012 Technical Meeting Social Hours. As a 2012 Hospitality Sponsor your company will be recognized in the newsletter), on the website and at the meetings.

The social hour is an important adjunct to the technical meetings and is possible only through the generosity of our Hospitality Sponsors.

A yearly donation of \$200 is suggested; any amount is appreciated

Please send your 2012 contribution to: Ohio Rubber Group, PO Box 341, Bath, Ohio 44210



Advertise with the ORG – Website and Newsletter

You asked for it! The "business card" ad is back! This year, ORG is offering the opportunity to advertise on our website and in 3 newsletters. You may use a jpg of either your business card OR your company logo. Either of these forms can link to your company website if you choose. **All advertising media must be submitted by email in .jpg format.** We cannot accept any ads not in electronic form. Be sure to include the website link if you choose.

Price for ads is \$200 for 12 consecutive months (includes both website and newsletter) and may start in the month of your choice.

Questions?? Contact Mary Puskas at mpuskas@littlern.com or 330-848-8847.



2012 OHIO RUBBER GROUP MEMBERSHIP APPLICATION

A SUBDIVISION OF THE RUBBER DIVISION OF THE AMERICAN CHEMICAL SOCIETY

DATE: _____

NAME: _____ TITLE: _____

EMAIL ADDRESS: _____

COMPANY: _____

MAILING ADDRESS: _____

CITY, STATE, ZIP: _____

PHONE: _____ FAX: _____

Membership fee: \$25 Contribution to Scholarship Endowment Fund: \$ _____ Total \$ _____

Payment (circle one): Cash Check (US dollars/US Bank) Visa MasterCard Discover AMEX

Card # _____ Exp. Date _____

EMERITUS/LIFE MEMBERS: No renewal necessary but please use this form for any mailing or email changes

Return application w/payment to: OHIO RUBBER GROUP PO BOX 341 BATH, OHIO 44210



MEMBER SURVEY
PLEASE COMPLETE
Are you a member of:
(Circle Answer)

American Chemical Society

Yes No

Rubber Division, ACS

Yes No

Work on a committee

Yes No



Yankee Run Golf Outing – June 21, 2012



The June 2012 Golf outing was a great success and good time for all. The outing was sold out and the 136 golfers enjoyed a beautiful but VERY hot day. We had good attendance at the banquet that followed. As always, the Yankee Run staff supplied an enjoyable dinner and a nice venue for the festivities afterward.

A special “Thank You” to Americas International for supplying the golf balls that were given out at the scholarship holes. The monies raised during this activity go directly to

the ORG scholarship fund to support future rubber professionals. This donation goes a long way to reduce the expenses of the outing.

In closing I would like to thank everyone that volunteered their time to make this outing a great experience for all. Without your time and commitment this event would not be possible. I would also like to thank the sponsors and all of you that participated. I hope to see all of you next year!



Many Thanks to the Golf Sponsors





