

POLYMER VALLEY NEWS

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 45th Year of Education and Service to the Plastics Industry

Newsletter Contents

Meeting Announcement	1
Meeting Schedule, Cost	1
President's Message	2
TopCon Location Map	3
Fall Golf Outing Map	3
Programs for the Year	4
TopCon Schedule	4
TopCon Cost & Reservation Info	4
TopCon Papers Listing	5
Advertiser Index	6
TopCon Sponsorships, Exhibits	6
Akron Section Board Members	7
SPE International Contacts	8
Fall Golf Sign Up Form	9
SPE Membership Application	10
TopCon Sponsor/Exhibit Form	11
SPE Educational Foundation	12

The Fall Golf
Outing is
September 26

Register Today!!
(see page 9)

Costs, Schedules and Reservations

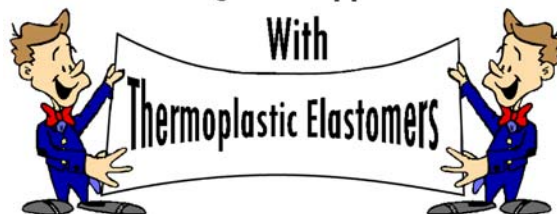
TPE Topcon	See page 4
Fall Golf	See page 9

Coming Up:

- October meeting: October 27th at Martin Center
- Board meeting September 8th, 5:30 p.m. at AES.

Advanced Deadline – August 30, 2003

Stretching Your Opportunities



TopCon '03: It's Here! September 22 to 24!

Once again, the Akron Section has the privilege to join with the TPE Special Interest Group of SPE in presenting a Topical Conference on Thermoplastic Elastomers. TPEs are very important to Ohio, and especially to Akron, with so many synthesizers and compounders of TPEs headquartered or operating here.

Fortunately, this promises to be an excellent conference with 31 technical papers, all touching on one or more of these topical categories:

- Marketing of TPEs
- Engineering TPEs and their end-use applications
- Specialty TPEs and their end-use applications
- Processing of TPEs
- Physical properties of TPEs
- Additives to enhance properties of TPEs

Papers will address polyolefins, styrenics, polyurethanes, silicone vulcanizates and other types of TPEs. There will also be two keynote speakers, displays and exhibits, and a poster session put on by University of Akron students.

Proceedings will be available either as paper books or as CDs. Engineers who deal with elastomers or who may in their future career should attend this conference.



President's Message

Welcome to the 2003-2004 SPE year. I'm thrilled to be able to serve our Section as President once more and to have a great group of dedicated people to work along with on the board.

My hope for this year is to help our Section revitalize and provide incentives for our members to be a part of the Akron Section and International. What are those incentives?

- Technology that is cutting edge presented at local meetings.
- Interesting tours and pertinent business information to keep us working with efficiency and integrity.
- Networking, with our peers, to further expand our knowledge and careers.
- Great fun and social events to help our thrust toward providing educational assistance for students pursuing a career in Polymers.
- Lively articles in your personal copy of our newsletter and Plastics Engineering Magazine.
- Exciting values on books, conferences and web training.

It sort of makes you “**TINGLE**” at the possibilities that our Akron Section and SPE offers.

My appeal to all our members is let's “kick it up a notch” this year and participate in a meeting and bring a friend, participate on a committee, provide news for the newsletter, sponsor an ad or whatever you feel inclined to do for your Section. Together we can keep our industry flourishing. Alone we're just one more address on the Internet.

See you at our next meeting. Invite someone to TopCon '03 (September 22-24) and Fall Golf & Clambake (September 26th) and pass on the opportunity to a colleague.

Thanks - *Bob Wegelin, President*



INJECTION MOLDING SOLUTIONS

- Machines from 100 to 8 800 US Tons
- Hot Runners
- Robots
- PET Preform Molds and Systems
- Integrated Systems
- Factory Planning

Husky Injection Molding Systems Inc.
105 Terry Drive, Suite 119
Newtown, PA 18940
Bruce Corey, Area Manager
Tel. (215) 497-9700
Fax (215) 497-9701
www.husky.ca

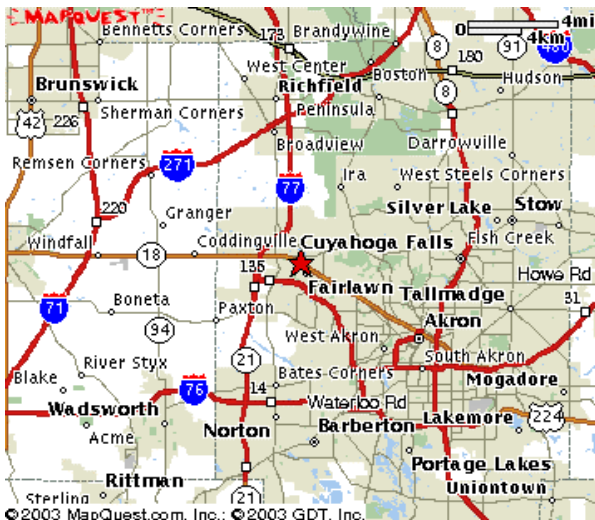
HUSKY

Keeping our customers in the lead

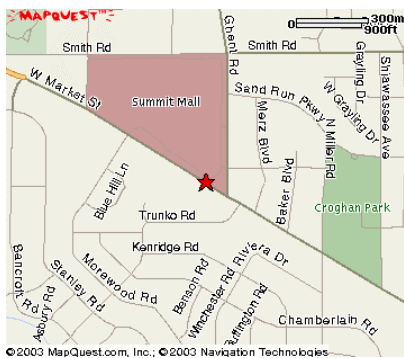
Map to Hilton Akron-Fairlawn

3180 West Market Street

From North, exit I-71 (from Hopkins Airport) or I-77 (from Cleveland) onto Ohio 18, then go East on 18 to the Hilton, which is on Market Street across from Summit Mall. From West, use Ohio 21 to get to I-77, then exit as above. From South and East, exit I-77 at Miller Rd., then go North to Market Street and West to the Hilton.



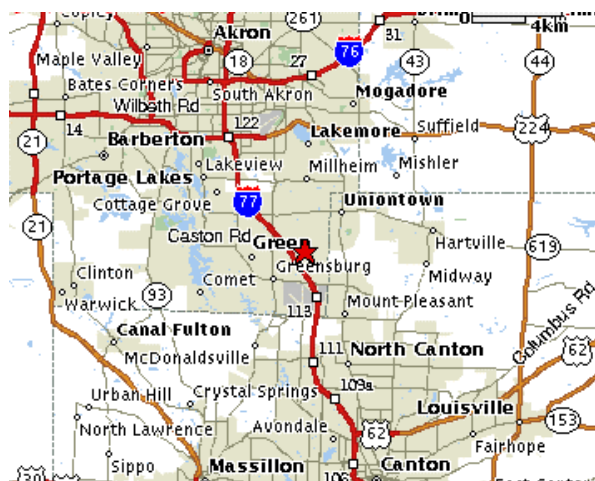
Map detail



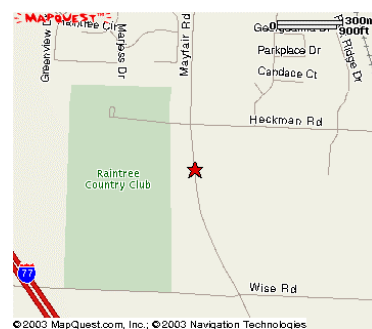
Map to Raintree Country Club

4430 Mayfair Rd., Uniontown

Exit I-77 at Ohio 241 and turn right at foot of ramp. Southbounders go to Graybill Rd. and Northbounders go to Raber Rd. Then go East to Mayfair Rd, turn right and go South. Raintree will be on your left.



Map detail



Polymer Analysis Services

- ▲ Complete Deformation: Polymer, (800) 659-7659
Filler And Additives
- ▲ Identification and Quantitation
- ▲ Competitive Product Analysis
- ▲ Product Failure / Defects

ISO 9002
Certified



2672 Metro Blvd, Maryland Heights, MO 63043

chemir.com

General Color



General Color & Chemical Company, Inc.
Post Office Box 7 • Minerva, Ohio 44657
Telephone: 330-868-4161
Facsimile: 330-868-5880
E-Mail: sales@generalcolor.com
Visit us on the web at <http://www.generalcolor.com>



Programs for 2003 / 2004

- SEPT. 22-24 Thermoplastic Elastomers
TOPCON -- Hilton
- SEPT. 26 FALL GOLF OUTING
-- Raintree CC
- OCT. 27 Injection Molding – **Process Cooling Systems**
Mr. Ted Rudy experiences with Injection Molding, Extrusion and Blow Molding engineering and design applications
-- Martin Center
- NOV. 24 Color & Appearance –
Americhem, Inc.
Mr. Rick Mathew COO, lunch
-- Tangier
- JAN. 20 Joint Meeting with NTNA, SCMS
-- Guy's
- FEB. 23 Extrusion –Tour- **Diamond America** (single screw manufacture) + talk by **Diamond America & CA Picard** (twin screw elements)
-- Tallmadge/Falls
- MAR. 22 Tour - Harry London Chocolate –
Food Packaging
-- 356TH Fighter Squad
- APR. 26 Auction -- Martin Center
- MAY 14 Spring Golf and Lunch
-- Barberton Brookside
- MAY 24 Awards night -- Martin Center



www.davidindustrialsales.com



Amtec Engineering, Inc.

- Dense & Dilute Phase Conveying
- Systems & Components

A & J Mixing International Inc.

- Single & Dual Rotor Mixers



K-TRON INTERNATIONAL

- Gravimetric & Volumetric Feeders
- Vacuum Loaders



- Bulk Bag Systems
- Aero Mechanical Conveyors

TopCon 2003 Conference Schedule

Monday, September 22

Set up displays	Noon
On-site registration	4:00 to 8:00
Displays open	6:30 to 9:00
Student Poster Session	6:30 to 9:00
Welcome Mixer	6:30 to 9:00

Tuesday, September 23

On-site registration	7:30 to 4:00
Displays open	8 am to 8 pm
Tech Session –AM	7:45 to 11:45
Lunch	11:45 to 1:00
Tech Session –PM	1:00 to 5:45
Reception (wine/cheese)	6:00 to 7:30

Wednesday, September 24

On-site registration	7:00 to noon
Displays open	7 am to 3:15
Tech Session –AM	7:30 to 11:45
Lunch	11:45 to 1:00
Tech Session –PM	1:00 to 4:45
Adjourn TopCon	4:45

TopCon Reservations

Advance registration is easiest through SPE, at 4spe.org / Seminars and Conferences / Full list. Visa, AmEx and MC credit cards are accepted. Registration fees are:

Status	Advance	On-Site
Member	\$300.00	\$350.00
Nonmember	350.00	400.00
Joining Member*	420.00	470.00
Student (no meals)	65.00	80.00
Press (no meals)	No Charge	

* Includes SPE dues for first year, worth \$117.00

You can also register by mail. Send your name, company, return address, phone, fax, e-mail and a check payable to 'TPE TOPCON 03' to:

Society of Plastics Engineers, Inc.
Conference Department
14 Fairfield Drive
Brookfield, CT 06804-0403 USA

Specify your preference for proceedings in book or CD form. For further information, call Julie Shaker of SPE, at 203-740-5454, jshaker@4spe.org. Please make room reservations with the Hilton before September 8, 2003 (330-857-5000 / 330-867-1648 phone/fax). Refer to SPE TopCon '03 for the special room rate, \$109.00.



TopCon 2003 Technical Program

Tuesday, September 23, 2003

Plastics Economic Outlook

Bill Wood, *Mountaintop Economics*

TPE Value via Material & Process Innovation

Bob Eller, *Bob Eller & Associates*

Aliphatic TPU Systems for Light-Stable Applications

Gerald DiBattista, Wolfgang Kaufhold, H. W. I. Peerlings, *Bayer*

Polyether-Amide Technology & Applications: Effect of Deformation

Andre Berry, M. Despotopoulou, P. Dang, R. P. Eustache, M. Mikhilef, *ATOFina*

Tailor-made TPEs for Gaskets & Seals

Len Horst, Guy Duval, Jean-Luc Madelaine, *Eliokem*

Break

Modification of TPUs with Acrylate Elastomers: Physical Properties and Processing Characteristics

Thierry Reichmann, Satish Sharma, J.L. Madelaine, *Eliokem*

Durability of Thermoplastic Vulcanizates: Part II

Joe Pfeiffer, *Advanced Elastomer Systems*

LUNCH

Keynote Speaker: Tom Waltermire, *CEO, PolyOne*

Developments in TPEs & TPVs

Ashok Adur, *PolyOne*

Kraton A Polymers: Expanding Styrenic Block Copolymer Technology

Dale Handlin, Kathryn Wright, Carl Willis, *Kraton*

Performance Benefits of TPE Intermaterial Substitution using Metallocene Ethylene Elastomers

Laura Weaver, Doug Waszeczak, Phil Vercuski, *Dupont Dow Elastomers*

Weatherseal Systems-TPV, TPO, High Gloss

Derrek Greenberg, Craig R. Abernethy, Jim Haseley, *Solvay Engineered Polymers*

Break

TPV for Automotive Interior Applications

Charlie Reid, Kevin Cal, Hoan Tran, Norbert Venneman, *Solvay Engineered Polymers*

Anisotropy in Thermoplastic Elastomers

Barbara Gedeon, Gerard Jaka, *Bodycote Broutman, Inc.*

TPE Overmolding Engineering Thermoplastics

Rajesh Varma, Dan Liu, Walter Ripple, Krishna Venkataswamy, *GLS*

Twin-Screw Extrusion Systems for TPE Compounding

Stuart J. Kapp, *Leistritz*

Morphology, Rheology & Processing of Dynamically Vulcanized TPEs and Their Nanocomposites

Hemant Thakkar, Lloyd Goettler, *University of Akron*

Wednesday, September 24, 2003

Kraton - How It All Began

Murray Luftglass

Supply Chain Management

Maggie Baumann, *GH Associates*

DuPont Developments in TPE

Amy Schantz, Katherine Cook, DuPont

High Performance TPSiV Elastomers

Gifford Shearer, Jun Liao, *Multibase / Dow Corning*

Novel Impact Modification in Olefin Systems

Anna P. Andrews, Vicky Bryg, Anthony Dean, Paul DeFranco, Ann Panek, *Ferro*

Where to Find TPE Molding & Extrusion Solutions

Tom Dieschbourg, *Star Polymers*

Break

High Performance Clear Thermoplastic Elastomer

Jiren Gu, Tom Castille, Krshna Venkataswamy, *GLS*

Application of Time-Temperature Superposition to Stress Relaxation in Elastomers

Ken Kear, Ward Narhi, Shaival Mehta, *Advanced Elastomer Systems*

LUNCH

Keynote Speaker: Justin J. Fantozzi, *Goodyear Racing*

A New Reactor Ethylene-Propylene Plastomer With Increased Flexibility and Lower Stiffness

Todd Glogovsky, *Bassell*

Pacrel HT - A Soft Polyester Based TPV with Excellent Oil Resistance at High Temperature

Christer Bergstrom, *Optatech*

Flexible Ionomer TPEs for the Automotive Market

Jeff McCoy, Dennis Smith, Heather Scaglione, *A. Schulman*

Synthesis and Properties of Well-defined Star-branched, Tapered Block Bd/Styrene Copolymers

Roderick P. Quirk, Kuo-Chih Hua, Lei Zhu, Sergio A. Moctazuma E., *University of Akron*

Break

Producing "Soft Touch" Polyolefinic TPEs via Elastomeric Modification

Nisha Keskar, Satish C. Sharma, *Eliokem*

Solution SBR/Polyolefin Blends for TPVs & TPEs

Manoj Ajbani, Thierry Materne, Chris Kiehl, Andy Takaca, *Goodyear*

Titanate & Zirconate Applications: A New Antistat & an Old/New Plasticizer

Salvatore Monte, Kenrich Chemical



Advertiser Index

American Polymers, Inc	7
Chemir/Polytech	3
Clariant	7
D-M-E	8
David Industrial Sales	4
General Color	3
Harwick Standard Distribution Co.	8
Husky Injection Molding	2
PolyOne	6
Polymer Resources	6
Polysort	7

TopCon Sponsorships and Exhibits

A limited number of exhibit spaces for standard 4' by 8' tabletop displays are available for the TPE TopCon. Sponsorships are also available for specific events or for the conference in general. Each sponsor will be appropriately acknowledged by a prominent placard or banner.

Costs for exhibit spaces and sponsorships are:

\$550.00 with one representative

\$745.00 with two representatives

\$990.00 with three representatives

Representatives have full registration privileges.

Use the order form on page 11 to reserve either a display or a sponsorship for your company.



POLYMER RESOURCES LTD.

The Leader in Classic Engineering Plastic Compounds

- PRL PC - Polycarbonate
- PRL PC.TP - PC Polyesters
- PRL PPX - Modified PPO/PPE
- PRL PC/ABS - PC/ABS Blends
- PRO TP - PBT Polyester
- PRL PEI - Polyetherimide
- PRL ABS - ABS
- PRL NY - Polyamide

ROBERT SPANO

OFFICE: 330-633-9699

E-MAIL: rspano@PolymerResources.com

FAX: 330-633-9288

CUSTOMER SERVICE: 800-243-5176

www.PolymerResources.com

PolyOne™

Distribution



4075 Millennium Blvd. SE Massillon, OH 44646

Phone: 330.630.1494

Fax: 330.630.2308

www.polyonedistribution.com

For Customer Service Please Call: 800.272.1661



Akron Section Board of Directors

Bob Wegelin AES President	330-849-5179 T 330-849-5589 F robert.wegelin@santoprene.com
Joe Mattingly Americhem President Elect/Prog. Chair	330-929-4213 x274 T 330-929-4144 F jmattingly@americhem.com
Gary Taylor Myers Wadsworth Treasurer	330-336-6621 T 330-334-7100 F gtaylor@po.akro-mils.com
Dave Schultz Harwick Standard Dist. Corp. Secretary	330-798-9300 x212 T 330-798-9328 F schultzd@harwickstandard.com
Ken Kear AES Councilor	330-849-5185 T 330-849-5589 F kekear@santoprene.com
Joe Pfeiffer AES Membership/Awards Night	330-849-5097 T 330-849-5589 F jepfeiffer@santoprene.com
Kevin Malpass GE Polymerland Educ. Foundation/ Fall Golf	216-573-7467 T 216-524-4409 F kevin.malpass@gepex.ge.com
Kathy Perevosnik AES Educ. Committee/ E-News and Ads	330-849-5119 T 330-849-5597 F kaperevosnik@santoprene.com
Tony Dean Ferro Public Interest/Webmaster	216-750-6664 T 216-750-6915 F dean@ferro.com
Dave Katz AES House	330-849-5139 T 330-849-5676 F david.katz@santoprene.com
Ernie Anderson AES House	330-849-5478 T 330-849-5589 F ernest.anderson@santoprene.com
Lloyd Goettler U Akron Polymer Engineering U Akron Liaison	330-972-7467 T 330-258-2339 F lagoett@uakron.edu
Sayata Ghose U Akron Polymer Engineering Student Chapter President	330-972-7467 T 330-258-2339 F sayata_peso@yahoo.com
Bud Seymour AES Spring Golf	330-849-5177 T 330-849-5589 F bud.seymour@santoprene.com
George Carroll ColorTech Member	330-289-0452 T 440-331-9388 F gcarroll@colortech_inc.com
Craig Grant Poly-Logic Member	614-486-4380 T 614-486-4381 F cgrant@e-zcolor.com
John Woodside Member	440-238-3009 T johnwoodside@ameritech.net



Producer and Major Supplier of Quality Thermoplastic Resins

- Polystyrene Producer
- Custom Compounded Resins
- Color Concentrates
- Blending and Grinding
- In-house Laboratory Testing
- Material Handling Systems

Our distribution and warehousing network system assures you on-time delivery:

- ABS
- Acrylic
- Nylon
- Polycarbonate
- Polyethylene
- Polypropylene
- Polystyrene
- SAN



American
POLYMERS, INC.

Bill Ferrell (440) 358-0842
Scott Riegger (330) 785-1300
Sales Representatives

11 Buffum Dam Road • Oxford, MA 01540
Tel (508) 987-8565 • Fax (508) 987-8292
www.americanpolymers.com

The Formula to Success on Internet

Content = Traffic = Leads = Sales

Good web site **Content** brings high-quality, high-volume **Traffic** that provides solid sales **Leads** and many opportunities for **Sales**.

For high-impact Internet marketing strategies, call (800) 326-8666 or (330) 665-5918.

www.polysort.com

*Internet Marketing Experts
for the Plastics and Rubber Industries*

 **Clariant**

**Around The Corner, Around The World,
Right Where You Want Us.**

Bob Woody 800-437-8369

www.clariant.masterbatches.com



Contacts at SPE INTERNATIONAL

14 Fairfield Drive
Brookfield, CT 06804-0403
Phone: 203-775-0471 • FAX 203-775-8490
Web: www.4spe.org

*all phones in area 203
all e-mail @4spe.org*

NAME Function	e-mail phone
Michael Cappelletti Executive Director	mrcappelletti 740-5420
Susan Oderwald Deputy Executive Director	seoderwald 740-5471
Marie Salzo Executive Assistant	mcsalzo 740-5422
Deborah Daily Internet Marketing Manager	dadaily 740-5468
Nancy Herdegen Training Products Manager	nbherdegen 740-5440
Laurie McDougal Training and Education Coord.	dmcnamara 740-5432
Clive Bullard Advertising Sales	cbullard 740-5427
Tobi Gebauer Manager, Member Recruitment/ Retention	tgebauer 740-5457
Tom DeLutri Coordinator, Section/ Division Services	tdelutri 740-5430
Lesley Kyle Senior Event Manager	lskyle 740-5452
Gail R. Bristol Managing Director, Foundation	grbristol 740-5447



**For six decades,
the mold tooling advantage.**

- Hot Runner Systems
- Electronic Controls
- Mold Bases
- Moldmaking Supplies
- Machining Services
- Applications Engineering
- Mold Components
- Service & Support

**Every D-M-E product comes with your
satisfaction 100% guaranteed.**



800-626-6653 • www.dme.net



**HARWICK STANDARD
DISTRIBUTION CORPORATION
AKRON SALES
PHONE: (330) 798-9300
FAX: (330) 798-4089
WWW.HARWICKSTANDARD.COM**

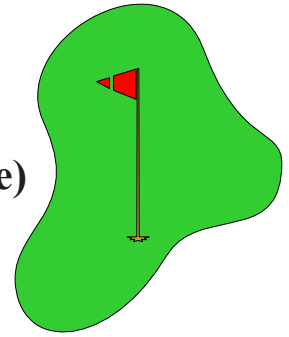
**Cabot Carbon Blacks
Centrotrade Natural Rubber
DSM Copolymer SBR
DSM Copolymer EPDM
DuPont Dow Tyrin® CPE
Eastman Epolenes and Resins
Flexsys Rubber Chemicals
General Electric Silicones
GEO Specialty Chemicals
Natrochem DLC® and Tarene®
Plasticizers and Process Oils
PPG Hi-Sil®**

ISO 9002 Registered





18th Annual Fall Golf Outing
Akron / Cleveland Section SPE
Raintree Country Club (330-699-3232)
Friday, September 26, 2003 (Rain or Shine)



Schedule of The Day

- 10:00 am** Check-in at the Pavilion
- 10:45 am** Lunch at the Pavilion
- 11:30 am** 1st Tee Time front and back nine
- 5:30 pm** Kimberly's Famous Clambake

***** Awards *****

Closest to the pin, Longest Drive, Low Gross, Low Net, Putting Contest

***** Exceptional Door Prizes *****

Payment must accompany reservations for golf and dinner

Deadline for reservations - SEPTEMBER 19, 2003

Detach and mail with your check to:

Kevin Malpass
7466 Wilshire Drive, Copley, OH 44321

Name and Company

- 1. _____ **Golf & Dinner \$85** _____ **Golf \$55** _____
- 2. _____ **Golf & Dinner \$85** _____ **Golf \$55** _____
- 3. _____ **Golf & Dinner \$85** _____ **Golf \$55** _____
- 4. _____ **Golf & Dinner \$85** _____ **Golf \$55** _____

**Cost includes 1/2 golf cart (TEE TIMES call Kevin 330-666-5226)*

_____ **Hole Sponsor \$100** _____

Primary Contact: **Name** _____
 Phone _____
 e-mail: _____

Make check payable to: Akron Section SPE – Amount Enclosed \$ _____

Questions: Please call Kevin Malpass 330-666-5226 or fax at 5223

Thank you for supporting Akron SPE





Society of Plastics Engineers

PO Box 403, Brookfield, CT 06804-0403 USA
Telephone: +1.203.740.5403 Fax: +1.203.775.8490
www.4spe.org

MEMBERSHIP APPLICATION

Applicant Information

Name: _____ first last mi		Home Address: <i>(please provide)</i> address: address: city: state: zip: country:	
Applicant Type: <input type="checkbox"/> Member <input type="checkbox"/> Student (must supply graduation date _____)		Preferred Mailing Address: <input type="checkbox"/> Home <input type="checkbox"/> Business	
Job Title: _____		Job Function: <i>(choose only one)</i> <input type="checkbox"/> Consulting (11) <input type="checkbox"/> Design (02) <input type="checkbox"/> Education (08) <input type="checkbox"/> General Management <input type="checkbox"/> Library (10) <input type="checkbox"/> Manufacturing (04) <input type="checkbox"/> Marketing (07) <input type="checkbox"/> Purchasing (06) <input type="checkbox"/> Quality Control (05) <input type="checkbox"/> R & D (03) <input type="checkbox"/> Retired (98) <input type="checkbox"/> Student (09) <input type="checkbox"/> Tech Support (12) <input type="checkbox"/> Other (99)	
Company Name and Business Address (or College): company/college: address: address: city: state: zip: country:		Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female Birth Date: (mm/dd/yyyy) The SPE Online Membership Directory is included with membership. Your information will automatically be included. <input type="checkbox"/> Exclude my email from Online Member Directory <input type="checkbox"/> Exclude all my information from Online Member Directory <input type="checkbox"/> Exclude my address from all 3rd party mailings	
Work Phone: ()	Fax: ()		
Home Phone: ()			
Email: <i>used for society business only</i>			

Payment Information

New Member 1 Year <input type="checkbox"/> US (\$117.00) <input type="checkbox"/> Canada (\$175.50) <input type="checkbox"/> Euro (€143.00)	New Member 2 Years * <input type="checkbox"/> US (\$202.00) <input type="checkbox"/> Canada (\$303.00) <input type="checkbox"/> Euro (€249.00)	Student Member <input type="checkbox"/> US (\$26.00) <input type="checkbox"/> Canada (\$39.00) <input type="checkbox"/> Euro (€27.00)	Membership Amount _____
My Primary Division is (Division names are below) _____			Primary Division FREE
Additional Divisions are available for a fee. Check below to select Additional Divisions. <input type="checkbox"/> Automotive (D31) <input type="checkbox"/> Mold Making & Mold Design (D35) <input type="checkbox"/> Blow Molding (D30) <input type="checkbox"/> Plastics Environmental (D40) <input type="checkbox"/> Color & Appearance (D21) <input type="checkbox"/> Polymer Analysis (D33) <input type="checkbox"/> Composites (D39) <input type="checkbox"/> Polymer Modifiers & Additives (D38) <input type="checkbox"/> Decorating & Assembly (D34) <input type="checkbox"/> Product Design & Development (D41) <input type="checkbox"/> Electrical & Electronic (D24) <input type="checkbox"/> Rotational Molding (D42) <input type="checkbox"/> Engineering Properties & Structure (D26) <input type="checkbox"/> Thermoforming (D25) <input type="checkbox"/> Extrusion (D22) <input type="checkbox"/> Thermoforming, European (D43) <input type="checkbox"/> Injection Molding (D23) <input type="checkbox"/> Thermoplastic Materials & Foams (D29) <input type="checkbox"/> Marketing & Management (D37) <input type="checkbox"/> Thermoset (D28) <input type="checkbox"/> Medical Plastics (D36) <input type="checkbox"/> Vinyl Plastics (D27)			Additional Division(s) _____ cost for each Additional Division 1 year 2 years US \$6.00 \$12.00 Canada \$9.00 \$18.00 Euros €6.00 €12.00 TOTAL _____

CHECK VISA AMEX MASTERCARD

card number _____

expiration date (mm/yyyy) _____

PAYMENT MUST ACCOMPANY APPLICATION
Sorry, No Purchase Orders Accepted

Checks must be drawn on US or Canadian banks in US or Canadian funds.


Dues include a 1-year subscription to *Plastics Engineering* magazine.
SPE membership is valid for twelve months from the month your application is processed.
*save over 10%

By signing below I agree to be governed by the Constitution and Bylaws of the Society and to promote the objectives of the Society. I certify that the statements made in the application are correct and I authorize SPE and its affiliates to use my phone, fax, address and email to contact me.

signature _____ date _____

recommended by member (optional) _____ id # _____

www 03/06



SPE TopCon

“Stretching your Opportunities”

TPE Technical Conference

Sept 22-24, 2003

Hilton, Akron West

3180 West Market St, Akron 44333

Table Top Displays Available

***An Opportunity to Sell Your Company's
Features, Attributes and Benefits of your Products***

Reserve Your 8 Foot Table to Display

Literature, Parts, Products

Average Attendance 150+



Name	
Company	
Address	
City, State, Zip	
Telephone	
E-Mail	

Check Enclosed (Make Checks Payable to SPE TPE TOPCON 03)

Please mail check, with this form to: Kevin Malpass, GE Plastics, 6000 Lombardo Center, Suite 660
For info call Kevin Malpass 216-573-7467 or Fax 216-524-4409 Seven Hills, Ohio 44131

Deadline is August 30, 2003

\$ 500 (1 paid registration) \$ 745 (2 paid registration) \$ 990 (3 paid registration)



Akron Section Society of Plastics Engineers, Inc.

8-12-03

The Akron Society of Plastics Engineers Educational Foundation operates exclusively for the benefit of and to carry out the purposes of the Akron Section of the Society of Plastics Engineers, Inc., which is to promote scientific and engineering knowledge relating to plastics by making educational scholarship grants to deserving students in the field of plastics engineering and related subjects. The Organization is supported primarily by contributions from the Akron Society of Plastics Engineers, the Society's individual members and corporations like yours affiliated with the polymer industry.

Since the inception in 1988, the Akron Society of Plastics Engineers Educational Foundation has grown to its current position through the hard work of many volunteers and the generosity of the local business community. Over the twelve years that the foundation has been in existence, it has provided scholarships to over 200 young men and women, totaling in excess of \$100,000 to assist them in furthering their careers in the polymer industry.

Our goal is to continue to grow the assets of the Foundation in order to increase the number of scholarships awarded as well as the size of the awards, and to do so in perpetuity. In doing this, we hope to be able to contribute to the supply of well-trained individuals to support the growth of the polymer industry in the Northeast Ohio area today and well into the future.

When the Foundation began its fund raising activities in 1988, we offered those companies who contributed \$30,000 a scholarship in their name. To date we have two named scholarships -- *Newell/Rubbermaid* and *Goodyear*. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please check below:

\$30,000 lump sum \$10,000 / yr next 3 yrs. \$5,000 / yr next 6 yrs.

other _____

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your donation at our Awards Night, which will be scheduled in May.

I am looking forward to your support of this very worthwhile cause by your fine company. Please contact me at 216-573-7467 or e-mail at kevin.malpass@gepolymerland.com with any questions. Thank you for your consideration.

Sincerely,
Kevin Malpass, Chairman
Akron Section Society of Plastics Engineers, Education Foundation

