President's Message

Looking back on last year, I want to thank Ken Lewis and all of the board members of MVSPE for their dedicated service. Ken certainly excelled at leading the way in many areas, including his "hands-on" approach to launching our website. We all need to congratulate Ken and the other core members that keep MVSPE rolling.

It was also a busy summer for MVSPE. It started out with another successful golf outing. Not only was it a good time for many, but we raised over \$3,000 for our education fund. This money combined with the \$6,000 we gave out in scholarships shows how strong we support educating future professionals in the plastics industry. Thank you to everyone who supported the event.

We also added Sinclair Community College as a student chapter over the summer. We will be supporting the local Dayton college, and certainly welcome them to our meetings and other events.

For the future, we will be making the following changes.

In regard to our meetings, we are trying to do more to support all areas of plastics. We certainly welcome engineers, sales professionals, management/supervisors, technicians, quality personnel, human resources and anyone else in the plastics field. Not only can you gain knowledge from the meetings, but also by interfacing with others in the plastics field. We are also asking employers to encourage your associates to come to our meetings. We will certainly listen and respond to any suggestions and improvements you want us to implement. Feel free to contact Mickey Brandon, Rob Jergens, Jack Bell or myself.

There has been a slight increase in the cost of our dinner meetings. We are seeing these costs rise, and we lost money on our meetings last year. We are trying to maintain our meetings in professional surroundings that provide a comfortable learning environment.

Finally, I would like to thank all of our board and committee members for their time this year. With their dedication to the organization, we are looking forward to a great year with MVSPE!

Frank Maus, MVSPE President

INSIDE

President's Message1
Officers & Board
of Directors2
Committees2
Website Information2
Calendar of Events3
Meeting Details/Agenda3
September Meeting3
Golf Classic Recap4
May 02 Meeting Minutes5
Int'l Councilor's Report6
Education Night Photos7
Golf Classic Photos8-10
12th Annual International
Thermoforming Conference11
Advertiser Index18



Visit SPE's National Website

http://www.4spe.org

Visit Our Website

http://www.mvspe.org

Officers

President

Frank Maus The Minco Group/ASPM 5690 Webster Street Dayton, OH 45414 934-415-3615 937-890-0543 fax fmaus@mincogroup.com

President Elect

Paul Moore United Color 8573 Sunmont Drive Cincinnati, OH 45255-4778 513-474-7099 513-474-5008 fax phmoore8@fuse.net

Treasurer

Dick Hauck Recto Molded Products, Inc. 4425 Appleton Street Cincinnati, OH 45209 513-871-5544 513-574-3596 dhauck@rectomolded.com

International Councilor

Dan Tomo (ending 2003) 5810 Windmere Lane Fairfield, OH 45209 513-829-7706 513-829-7706 fax dandptomo@aol.com

Past President

Ken Lewis Recto Molded Products, Inc. 4425 Appleton Street Cincinnati, OH 45209 513-871-5544 513-874-8495 klewis@rectomolded.com

Board of Directors

Roland Bedard [2nd year] 848 Serben Drive Cincinnati, OH 45233 513-769-3800 513-769-0500 fax sshay@saysoccer.org

Jack Bell [2nd year] MPSI 326 1/2 Main Street Piqua, Ohio 45356 937-773-9610 937-773-3777 fax jbellmpsi@.aol.com

Mickey Brandon [2nd year] Marco Molding 6868 Homestretch Road Dayton, Ohio 45414 937-890-7834 937-890-5854 marco@erinet.com Robert Jergens [1st year] Jergens Innovative Products 6290 Executive Boulevard Huber Heights, OH 45424 937-235-5500 937-235-5505 robert.jergens@jergenstech.com

Don Keyes [2nd year] 6904 Mt. Vernon Avenue Mariemont, Ohio 45226-4422 513-271-7632 513-271-7612 dkeyes@quixnet.net

John Pierce [2nd year] 334 Stubbs Drive Trotwood, Ohio 45246-3109 937-854-3132

Standing Committees

Advertising

Dick Hauck Dean Kroger

Auditing

Roland Bedard Mickey Brandon, Dean Kroger

Awards

Mickey Brandon Tom Cross

Educations

Don Keyes Tom Cross, Bob Rajkovich, Jack Bell, Dick Hauck, Mickey Brandon, Dan Tomo

Golf Outing

Dean Kroger Frank Maus, Dan Tomo Bob Rajkovich

House

Mickey Brandon Frank Maus

IT

Dean Kroger Ken Lewis, Bob Rajkovich

Membership

Tom Cross

Newsletter

Bob Rajkovich

Nominations

Ken Lewis

Program

Mickey Brandon Rob Jergens, Frank Maus, Jack Bell

Public Information

Bob Rajkovich

Recycling

Dean Kroger Bob Rajkovich, Mickey Brandon

RETEC

Bob Rajkovich Tom Cross, Dick Hauck, Roland Bedard, Dan Tomo

Special Events

Mickey Brandon Paul Moore

www.mvspe.com

Go to www.mvspe.org if you are interested in receiving an e-newsletter and NOT a printed copy. Fill out the contact info and hit the submit button.

No Necipality	To help the Miami Valley SPE section save money on s
lone	receive the printed newsletter and just download your. The information must be the same as found on the printer.
tenkto	mailing list.
Delec Modes Southful	
become.	Contact Information
wherhe Engl	Member ID
makerie-Ergad	Name
Owers, taklene	Company
tunce Jeep	Address
add Monketin	City. State
School beeke Worker	E-mail
	Sebmit Information Reset form
l was	-
Steeling Schoolsk	

Calendar of Events

Sept. 5 Dayton/Alex's

Fasti, compressed air dryers

Oct 3rd Cin./Doubletree

Water molding - Engle

Nov. 7th Cin./Doubletree

Plastic part design - Glenn Beall

Dec. Dayton

(date TBD) Spouse/Date Night

Jan. 9* Plant tour

Feb.6 Dayton/Alex's

Additives, fillers, blowing agents

Mar. 6 Cin./Doubletree

Taking the fear out of OSHA

April 3 Dayton/Alex's

Student Night/Economic Development

May 1 Plant tour

Comet Automation - weigh blenders, loaders, dryers, conveying equip.

Golf outing

Hamilton Elks

June 22-26 Chicago

June 9

NPE'03

Meeting Notice Details

MEETING DATE: SEPTEMBER 5, 2002

Advance Reservation required by September 3, 2002

To reserve, call or fax:

Dick Hauck Mickey Brandon

Cincinnati Dayton

513-871-5544 937-890-7834 Fax 871-8495 Fax 890-5854

Meeting Agenda - Sept 5

SPE Board Meeting	4:00 - 6:00 pm
Networking	
Dinner	6:30 - 7:15 pm
Program	7:15 - 8:00 pm

MEMBERS \$20 NON-MEMBERS \$25 STUDENTS/RETIREES \$10 MEMBERS \$25 AT THE DOOR WITHOUT A RESERVATION

We are now taking VISA and MASTERCARD for registration and other events

September Meeting Info

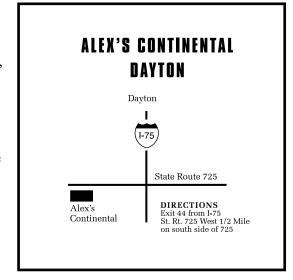
Are you using technology that was invented in the 1950's? Sure you are if you have been using desiccant type dryers to remove moisture from your plastic materials. The "twin tower" system, and it's more modern version the "rotating bed" have been around for years, and that does not make them any more efficient. With companies now claiming to have "mystery gas" to dry your material, look no further.

Mr. Rainer Farrag is President and CEO of Fasti USA, Inc., 927 North State Street, Elgin, IL 60123. He earned his

PHD in Aerodynamics and Aircraft Design from the University of Vienna and has worked in the plastics industry since 1981. He is the inventor of the Compressed Air drying system.

He will be discussing Resin Drying and the differences between hot air, dry air, vacuum, microwave and compressed drying systems.

While it is true, hot air will (eventually) dry your material, please come see why Fasti has been the proven choice for PET, as well as other high volume users of hygroscopic materials. If you have ever had a dryer, dryer maintenance, or other problems with wet materials, you could use a crash course in "new" dryer technology.



Sixth Annual Byron Nelson Golf Classic Hamilton Elks Country Club

June 10, 2002

The Sixth Annual Byron Nelson Golf Classic was held June 10, 2002 at the Elks Country Club, Hamilton, Ohio. The event was played over the 27-hole layout with three tournaments being held concurrently, i.e. Blue/Red courses, White/Blue courses and Red/White courses. The Elks pro shop determined a handicap for each foursome participating in the four-person scramble.

The first place winners from Alpha Mold playing the Blue/Red courses with a net 48 were Gene Shuret, Ryan Higgins, Steve Meyer and Tom Zwolski.

The first place winners from Custom Mold & Design playing the White/Blue courses with a net 55 were Bob Catrow, Dan Sauer, and Rich Schock.

The first place winners from Polyone playing the Red/White courses with a net 53 were Dave Gregoriviz, Glen Johanson, Chris Laux and Frank Zack.

Closest to the pin winners were:

0100001101110	P111 ((11111010 ((010)
Red #3	Rich Stevens - Solution Plus
Red #5	Frank Zack - Polyone
White #3	Rob Doti - Matrix Polymer
1171-: 40 #E	Dial Calcal Coston Mald &

White #5 Rich Schock - Custom Mold & Design
Blue #3 Anderson Heir - General Polymers

Blue #7 Chris Cooley

Longest putts on each ninth hole were:

Red #9 Robb Johns - Polyone

White #9 Jim Tucker - Ferromatic- Milacron

Blue #9 Chris Laux - Polyone

Ten Companies sponsored holes which raised \$3,000.00 for the education fund:

- ADVANCED ELASTOMER SYSTEMS
- DSM ENGINEERING PLASTICS
- GENERAL POLYMERS
- JERGENS INNOVATIVE TECHNOLOGY
- K-RESIN SBC
- NOVA CHEMICALS
- NuTECH POLYMERS
- POLYONE DISTRIBUTION
- RECTO MOLDED PRODUCTS
- TP COMPOSITE/POLARIS PLASTICS SALES

Additional sponsors of cash and/or door prize donations helped make the event a great success:

- ELKS PRO SHOP
- EQUISTAR
- PERFORMANCE POLYMERS
- UNITED COLOR
- VERSA PRINT
- MATRIX POLYMERS
- MINCO GROUP

Although the attendance of the event was off by 25%, a good time was had by all the participating golfers.

Thanks to all who helped make this event a success, in particular...

Ken Lewis - Recto Molded Products - registrations Melinda Lewis - registrations/Oasis lady
Mike Rusconi - Hole sponsor solicitations Andrew Rajkovich - Oasis/Photography

Sally Rajkovich - registrations/Oasis lady

Tim Lambert & Elks employees who kept the liquids flowing

Mark your calendars for 2003. It will be June 9, 2003. Enjoy the pictures of the event in this Spectrum. Thanks to all.



May 2002 MVSPE Board Meeting Minutes

MVSPE MTG 5-2-02 Meeting started at 4:28pm

Attendees: Ken Lewis, Bob R. Jack Bell, Rolly Bedard, Dick Hauck, John Pierce, Don Keyes, Dan Tomo, Dean Kroger & Tom Cross

Minutes: Were accepted w/ corrections.

Treasurer's Report: The checking account is down to \$100. The CD does not come due till July. We are still waiting on the other half of our rebate. One item not shown in the treasurer's report is a check to UC for ANTEC expenses. We tabled the report until the next meeting.

Int'l Councilor's Meeting: Sinclair is on the agenda to be approved. Dan said there should be no hold up in their approval to be a student chapter for us. There is some question of whether Sinclair has all there paperwork in. We are going to address the question.

Membership Report: We had I new member, 1 transferred in, 1 transferred out and 20 renewed. 486 total paid. At one time, membership was around 660.

Program Report: Mickey arranged tonight's program. Looking at 25 people for dinner tonight. Bob was awarded the Victoria's Secret Watch, which can only be opened with one hand behind your back.

House: We are done for the year. Summer meeting is at the Heather Wood. July 25th. Set for 10:30 am right now. The exact time to be determined later.

Education: We gave money to UC for the ANTEC. We have not given money to anyone else. We have rec'd two or three thank you notes via e-mail. Trying to cover things with mentoring and issues with the grants. Grant winners tend to be Junior's and seniors. Would like to see younger kids get it. This issue will be covered at the next education meeting. We received about 4 or 5 requests for the essay contest from the national essay contest.

Newsletter: Thanks for the help with the newsletter. The next deadline is August 15th. Dan says that National always wants money for this and that. Dan was upset about there being no identification in the newsletter about money given, \$ amounts and who the winners were. We will add this information to the September newsletter.

Golf Outing: Dan says the golf outing ran into some snags. The new food Manager at the Elks, Molly Schwartz only lasted a month. He is working on who is responsible so that the contract is good. In the end it was decided to give

caps out. Cali Fame made these in USA. A local guy is now making the caps. Dan bought 120 divot tools and Caps. The order has been placed. Tim Lambert at the Elks will handle the golf course.

There will be 3 TV's donated for the golf outing. We need monitors for the TV's. Need 3 people for this. Green flyers went out on the lst. June 10th is the golf outing. Versa print donated 4 blue seats and a parking pass to a Red's game in September. Frank thinks he could get ASPM to donate Dragon's Tickets.

Special Events: Has heard nothing about the casino or trips. We are waiting for Belterra to call back. The Air Force Museum has been contacted. If we get it done before schools out, then we can go to Space Shuttle Imax.

Recycling: Nothing to Report.

Historian: John did an article, so that it will go into the September Newsletter. He wrote it on outings and tours.

Awards: all given out.

Advertising: We will be charging for the advertising link on the website. All advertisers in the newsletter will be given the opportunity to have their link on our website. There is a counter on our website.

RETEC: Dan to check at national for any.

Public Info: nothing Nominations: Nothing

IT Report: The website is up and going. Dean, Bob and Ken did a lot of it. Looks very nice. Advertisers need to supply their URL so they can be linked. Also, need their graphics. You can e-mail info from the website to others about the golf outing.

Old Business: Dan got the cost for the two buses from Cincinnati and Dayton, which was \$1500. It comes to 20 bucks ahead for the bus. We will be going in the morning and coming home in the afternoon. We need the September newsletter to put out the info for the trip. We should make a form up and put it on the website and distribute it at the golf outing.

New Business: The new president wants to get a jump on the new committees and positions. Raffle tickets still for sale of the TV.

Meeting adjourned at 5:41 pm

International Councilor's Report By Dan Tomo

The Spring Council Meeting was held May 4 and 5, 2002 in San Francisco prior to the ANTEC. I attended representing the Section, the Committee of The Whole (COW) meeting; the outgoing (2001-2002) Council Meeting, the incoming (2002-2003) Council Meeting and the Student Activities Committee Meeting.

The following is a summary of the highlights of the Council Meetings held on May 5, 2002.

Attendance at ANTEC was 3,225, comprising of advance registrations of 2,214 and on site registrations (including participants in the seminar and spouse programs) of 1,011. A total of 153 registrants attended 13 Society seminars.

Incoming President Claudius Feger stated the theme of his administrative year would be Solutions. He talked about how our industry is characterized by incredible diversity-in topic, business structures, and in geography. He discussed the challenges facing our members, customers and patrons, and how SPE is positioning itself to provide solutions to meet the escalating challenges for the Global Plastics Industry.

From the Council Floor

The Council reviewed and approved an Antitrust policy.

The Council reviewed and approved a Branding policy.

The Council approved the chartering of student chapters at Sinclair Community College in Dayton, Ohio and at ITECH in Ecully, France.

The Council approved changes to Bylaws 11 & 13 converting to an anniversary date membership.

Outgoing President Browitt thanked his Executive Committee for their hard work, and reviewed our accomplishments in the International arena.

Executive Director Michael Cappelletti reviewed various Society issues and thanked everyone involved on creating our newest product, "The Technician's Tool Box."

Presentations

Detroit Section	5,000 1,000	Scholarship Fund
Mid Michigan Section	500	Scholarship Fund
Mold Making & Mold Design	2,000 2,500	Student Travel Fund SPE Foundation
Plastics Environmental Division	7,740	Proceeds from GPEC 2002
Quebec Section	1,600	General Fund
Southern California Division	1,000	ANTEC Reception
Thermoforming Division	22,300	Equipment Matching Fund

Next Council Meeting

The next meeting of the council is scheduled for September 21, 2002 in Danbury, CT.

Education Night Photos



















2001-2002 SPE Student Grant Winners

The Grant Winners for this year were a tough call as usual. The committee had to work to make a good selection but we believe they did an outstanding job.

The criteria for the winners are fairly constant from year to year but they change slightly as we discover changes that may create a fairer assessment of the applicants. Input from the section membership is welcome, including the students, in an effort to improve our process.

The list of \$1000 winners is as follows:

David A. Banach
Matthew C. Burke
Jennifer R. Conley
Aaron M. Johnson

Senior – University of Cincinnati
Senior – University of Cincinnati
Junior – University of Cincinnati
Sophomore - Shawnee State University

Erin E. Porter Junior - Miami University

Teri L. Shearer 2nd year - Edison Community College

CONGRATULATIONS to the winners and thanks again to the committee members who helped to make the selection.

Don Keyes, Section Education Chairman

Byron Nelson Golf Classic Memories

























Byron Nelson Golf Classic Memories

























Byron Nelson Golf Classic Memories























12th Annual International Thermoforming Conference

12th Annual International Thermoforming Conference and Exhibition

"The Science of the Art"

The Only Industry Conference Exclusively Devoted to Thermoforming!

September 14-17, 2002 Nashville Convention Center Nashville, TN

30 Technical Sessions for both Roll Fed and Cut-Sheet Thermoforming over two days!

Full Program and Registration Information available at:

http://www.4spe.org/seminarsconferences/conferences/thermoforming09_02.htm

Time is running out on advance registration! Save over \$100.00 by registering now!

Headquarter Hotel: Renaissance Nashville Hotel

For Reservations: 615/255-8400 Request SPE Rate: \$133.00

Workshops

McConnell-Buckel — "Cut-sheet Workshop"

James Throne's — "Roll-fed Thermoforming Workshop"

TN Manufacturing Extension Program — "Lean Manufacturing for the Thermoforming Industry" SOLD OUT

Bob Smart's — "Extrusion and the Thermoformer"

Don Hylton's — "Material Testing and Quality Control for Thermoformers"

Plant Tours

Saturn Advanced Manufacturing Facility

Innovative Plastics South

- Over 100 Exhibits in 100,000 Square Feet of Exhibit Space
- Over 1,200 Attendees expected
- Contact 706/235-9298 for a registration brochure

Make your Plans Now to Join Us In Nashville, TN from September 14-17, 2002!



Flame Retardants

Ionomer Compounds

Merchant Products

Nylons

Polyolefins

Polystyrene Polyurethane

Rotational Molding Compounds

TPO Compounds

PVC Compounds

PVC-Free Compounds

A. Schulman Your Single Source for Plastics



Single Sourcing from A. Schulman Assures you consistently high quality Compounds, Resins, Concentrates and Additives with just one call.

A. Schulman, Inc. 3550 West Market Street Akron, Ohio 44333 TEL. 800-54-RESIN FAX 300.668.7204

www.aschulman.com Info@aschulman.com



MATIONAL

OOL and MANUFACTURING COMPANY

Manufacturers and suppliers of standard and custom mold bases, mold components, moldmaker supplies and hot runner systems.

Ask about our FREE Electronic Library!

Regional Branch

395 Geneva Avenue • TALLMADGE, OH 44278 Tel: (216)633-1492 Toll Free: 800-362-3188

Outside OH: 800-321-3451 Fax: (216)633-7919

KRAUSS MAFFEL Corporation

Since 1933

Scott Balcom

Regional Sales Manager

Krauss-Maffei Corporation 7095 Industrial Road P.O. Box 6270 Florence, KY 41022-6270 Telephone (859) 283-6431 Telefax (859) 283-9631 Cell (859) 653-4310

sbalcom@krauss-maffeicorp.com

Injection Molding Division



JACK BELL

President

326½ N. Main Street
P.O. Box 1453
Piqua, Ohio 45356-1053
(937) 773-9610
Fax: (937) 773-3777
E-mail: JBELLMPSi@aol.com
www.midwestplasticsystems.com

Midwest Plastic Systems, Inc.



BILL DOWDNEY

4560 Sheperds Way Batavia, OH 45103 TEL and FAX (513) 732-1000 TEL and FAX (888) 732-1100 E-MAIL BDowdney@aol.com

Schutions for Success

FEATURING MOLD RELEASES, LUBRICANTS, CLEANERS AND RUST PREVENTIVES CONTAINING NO OZONE DEPLETING CHEMICALS

DISTRIBUTED BY

CONTROL EQUIPMENT

800-637-5216 LOCAL STOCKING DISTRIBUTOR

BÖHLER UDDEHOLM North America

Great Tooling Starts Here! 1-800-638-2520

www.bucorp.com

- Mold Steels
- Beryllium Copper
- Tooling Aluminum

High Performance!

BACHELOR OF SCIENCE DEGREE PROGRAMS

Computer Engineering Technology Electronic Engineering Technology *

For information contact:

SCOTT SEGALEWITZ, MS, P.E. Associate Professor and Chair Engineering Technology

300 College Park Dayton, Ohio 45469-0249 (937) 229-4216 Fax (937) 229-4975 segalewitz@udayton.edu



The University of Dayton

Industrial Engineering Technology *
Manufacturing Engineering Technology *
Mechanical Engineering Technology *

* Programs accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology. Co-op, day and evening options available.

Reduced tuition rates for students age 24 and over.

Special programs by arrangement.





Jack Headapohl
Masterbatches Division

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

800-437-8369

www.clariant.masterbatches.com





MARCO MOLDING 6868 HOMESTRETCH ROAD DAYTON, OHIO 45414 TELE 937-890-7834 FAX 937-890-5854



DARRAUGH BRANDON "MICKEY"





TERRY K. TACKETT

Sales Manager

LEBANON PLASTICS, INC.

1920 Watterson Trail Louisville, KY 40299 PHONE 502/495-1442 FAX 502/499-7036 315 S. West Street Lebanon, OH 45036 PHONE 513/932-2556 FAX 513/932-0390

MOBILE 606/866-1995

Looking for a Molder with top engineering capability and an unwavering attention-to-detail?

Master Industries is your ISO9001/QS9000 certified thermoplastic injection molding source, offering an in-depth

Your Search Is Over!

understanding of the systemic nature of the molding process, Total Solution Capabilities, unparalleled engineering expertise, and World-Class quality. See our full-size ad elsewhere

in this section and discover how Master can deliver quality parts and a shorter time to market on

your next job.



Main Office - Engineering Center 1712 Commerce Dr., Piqua, OH. 45356 PH: (937) 778-1300 FAX: (937) 778-1655

www.master-ind.com

Sales or general info e-mail:

sales@master-ind.com

Engineering inquiry e-mail: engineering@master-ind.com Call, Fax of E-mail us today to receive your copy of our

Call, Fax of E-mail us today to receive your copy of our new brochure and equipment list. PIUS a FREE 6" Stainless Steel Rule!





































For Customer Service Please Call: 800.272.1661

ISchlemmer ASSOCIATES INC

PH: (513) 522-8340 FAX: (513) 522-2727 Toll Free (800)733-3298

Ft. Wayne, India PH: (260) 471-4394 www.schlemmerassociates.com FAX: (260) 471-4390 Tall Free: (800) 733-3298 sales@schlemmerassociates.com

 Sensors Pressure / Temperature / Position / Weight ORP / pH / Conductivity / Web Temion BI.H, Cecomp, Dynisco, Omegadyne, Pyromation, Sensorex, Penny & Giles, Walchem

 Controllers & Indicators Pressure / Temperature / Position Process / ORP / pH / Conductivity Metering Pumps / Weight / Web Tension BIH, Cecomp, Chino, Dynisco, Iwaki, LMI, Newport, Penny & Giles, Walchem, West

 Infrared Temperature Spot Pyrometers / Sensors Indicators / Controls / Handhelds Thermal Imagers / Scanners

Ircon, Newport

Data Loggers & Recorders
Paperlas Recorders
Serip / Circular Chart Recorders
Partable Data Loggers
Windows Based Software

Chino, Monarch, Newport, Partlow, Ranger

Signal Transmitters

Absolute Process Instruments.

Isolators & Conditioners
RF Wireless Transcrivers
Signal Conversers / Transmitters / Isolators
Wireless Plant Notification Systems

Fairchild, Newport, Omnex, Versacall

Electric Heaters
 Band / Carridge / Strip / Tubular / Quartz
 Circulation / Radiant / Duct / Immersion
 Fiberglass & Silicone Rubber Tapes
 Blankess / Jackess

Accutherm, BH Thermal, Clepco, Conrad, Fast Heat

 Power Controllers Zero & Phase Fired SCR Solid State Relays

Crydom, HDR

 Material Testing Equipment Ou-line & Lab Rheometers Moisture Analyzers / Melt Indexers

Dynisco Polymer Test

Specialists in Process Instrumentation since 1965



POLYMER RESOURCES LTD. The Leader in Classic Engineering Plastic Compounds

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

ROBERT GRAMMER

OFFICE: 513-738-3547 E-MAIL: bgrammer@PolymerResources.com Fax: 513-738-4408 CUSTOMER SERVICE: 800-243-5176

www.PolymerResources.com



Main Office: 13097 Parkside Drive

Fishers, IN 46038 (317) 813-3055 FAX (317) 813-3056 1-800-589-PROS

www.proplasticsusa.com

RICH STUDER 937-376-5498

Nissei molding machines, Conair auxiliary equipment, American Kuhne extruders, Oil Pure, EAS quick mold change, SAS end of arm tooling, conveyors, magnets, service and training on all products.



Thermoforming & Plastic Packaging Machinery Systems

MARK T. ZELNICK President

ZED INDUSTRIES, INC.

3580 Lightner Road Vandalia, Ohio 45377 www.zedindustries.com

TEL (937) 667-8407 FAX (937) 667-3340 E-mail: info@zedindustries.com



MOLD BASES AND MOLD PLATES

MOLD COMPONENTS

EVERYTHING INSIDE YOUR MOLD

PARKER

PRECISION

♦PINS,CORES & SLEEVES

INSERT STEEL POLISHING

SUPPLIES MOLD RELEASE

FOR PARTS AND ACCESSORITES FOR THE MOLD MAKER **AND MOLDER**

YOUR SINGLE SOURCE

CALL NOW

800-345-7693

FAX 800-581-9264 **1061 INDUSTRIAL PARKWAY MEDINA, OH 44256** ELECTRIC HEAT

♦ALL TYPES, SIZES AND MATERIALS

THERMOCOUPLES HOT RUNNER TEMP CONTROLS MALLARD SCREW TIPS PROFESSIONAL BARREL AND

SCREW REPAIR



1200 South Patton Street Xenia, Ohio 45385 USA **Robotic End-of-Arm Tooling & Automation Equipment**

Phone: 937-372-5255 Fax: 937-372-5555 Toll Free: 1-888-SAS-EOAT E-Mail: getagrip@sasgripper.com www.sasgripper.com **SAS Automation, LTD.**



Cell: 513-702-4040

505 GERHARD DRIVE EDGEWOOD, KY 41017-3284 TEL. 606-331-9480

FAX 606-331-1884

MHI INJECTION MOLDING MACHINERY, INC.

Manny Rosario

Regional Sales Manager e-mail: manny_rosario@msn.com

Visit us at our website: www.mhiinj.com



ARKAY INDUSTRIES, INC.

228 Byers Rd., Suite 200 Miamisburg, OH 45342 Phone: 937/847-5588 FAX: 937/847-2882



2 BROOKS AVENUE, HOLLAND, MI 49423 (616) 394-3800 FAX (616) 394-9007

- Specializing in Engineering Resins
- Small Quantities Welcome
- ISO 9001 Registered
- QS 9000 Registered

For The Fastest

Color Matches and Deliveries

in the Color

Business Call:

1-800-44-COLOR

KENNETH RADCLIFFE MANUFACTURER'S REPRESENTATIVE



HOME OFFICE P.O. BOX 10155 FAIRFIELD, NEW JERSEY 07004 973-227-0700

Website: www.foremostmachine.com

P.O. BOX 41652 CENTERVILLE, OHIO 45441 937-433-4030 FAX 937-433-6186

DISTRICT OFFICE

PLASTISTAB"

HEAT STABILIZERS for PVC

For custom-designed solutions to your specific stability challenges, nothing tops PlastiStab,™ a complete line of heat stabilizers for PVC. Call us today, we've got the technical expertise and metal-based chemistry to solve your most challenging stability problems.



Innovative Metals Technology

811 Sharon Drive • Westlake, OH 44145 Phone: 440-899-2950 • Toll Free 800-321-9696 • Fax: 440-808-7117 www.omgi.com

Steve Meyer



A TOOLING TECH GROUP COMPANY ISO 9001 REGISTERED

7611 Center Point 70 Blvd. Huber Hts., OH 45424

tel: 937-233-5670 ext. 10 fax: 937-233-0478

e-mail: stevem@alphamold.com

Internet: http://www.alphamold.com

Control Equipment Inc.

* DEMAG: 25-4000 Ton

Electric, Multi-Shot, Vertical

* MARK II : Robots, Pickers, EOAT

* COLORTRONIC: Blenders, Grinders

AUTOLOAD: Material Handling

QPC : Chillers, Thermolators

SLIDE: Mold Sprays, Degreasers

Matt Hoffman (513) 860-1312



THERMOPLASTICS DIVISION

985 FALLS CREEK DRIVE . VANDALIA, OH 45377 Phone: 937-415-3700 • Fax: 937-415-3710

- Injection Molding
- 3-D Blow Molding
- Thermoplastic Molding of Engineering Materials, TPRs and TPUs
- Energy Absorbing and Self-Skinning Urethane Molding
- Assembly

• FROM DESIGN to PRODUCTION •

VANDALIA PLANT 985 Falls Creek Drive Vandalia, OH 45377

DAYTON PLANT 3337 North Dixie Drive Dayton, OH 45414

BISHOPVILLE PLANT 15 Myrtle Drive Bishopville, SC 29010



Plastics & Composites Technology

- Courses available include
 - · World-class Manufacturing
 - Production/Inventory Control (ERP)

 - Value Engineering
 Facilities Planning/Layout.
 - •Process Improvement
- •Materials Testing •Process Simulation
- *Preventive Maintenance
- •CIM
- Cost Analysis

For more information

Karen Blake, Counselor (937) 512-512-2282

*Program is endorsed by: Society of Plastics Engineers and National Composite Center

Global Polymers Corp.

Your responsive resin resource.

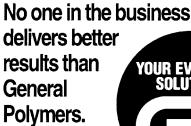
As one of the largest distributors of top quality Commodity and Engineering Grade Resin, Global Polymers has the range and resources to deliver outstanding performance. We're geared up to help you take advantage of opportunities that demand speed and flexibility. So call today and see how our responsive service, quick turnaround and technical expertise give you the competitive edge.



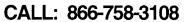
Global Polymers Corporate Headquarters P O Box 6745 • Louisville, KY 40206-0745 Telephone 502.425.1133 • Fax 502.425.0740

ACRYLIC • ABS • SAN • ASA • ELASTOMERS • POLYETHYLENE • NYLON • TPO • PC/ABS • PVC POLYPROPYLENE (filled & unfilled) • ACETAL • PET • PBT • TPR FOAMABLE PC POLYCARBONATE PC/PBT • PC/PET •`POLYSTYRENE • TPE • POLYSULFONE • TPV • COLOR CONCENTRATES • LIQUID COLOR SPECIALTY • BLENDS SPECIALTY ADDITIVES AND SELF-EXTINGUISHING

THE SOURCE



- CUSTOMER SERVICE
- TECHNICAL SUPPORT
- LOCAL WAREHOUSING



http://www.GPezOrder.com E-mail: askgp@ashland.com . Internet: http://www.gpashland.com

GENERAL POLYMERS DIVISION

P.O. Box 2219

Columbus, Ohio 43216 614/790-1565

FAX: 614/790-6738



Ashland Distribution Company Division of Ashland Inc.

GENERAL POLYMERS

BUILDING

® Registered Trademark, Ashland Inc.

* Registered Service Mark, American Chemistry Council

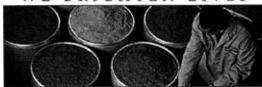
Ashland®

YOUR EVERYDAY



The Shepherd Color Company

WE BRIGHTEN LIVES



COMPLEX INORGANIC COLOR PIGMENTS FOR THE PLASTICS INDUSTRY

Yellows • Browns • Blues Greens • Blacks • Violets

The Shepherd Color Company

4539 Dues Drive, P.O. Box 465627, Cincinnati, Ohio 45246 U.S.A. Phone (513) 874-0714 - Fax (513) 874-5061

Overseas Locations

Brussels, Belgium

Melbourne, Australia

P. 32-(0)16-46.88.88 · F. 32-(0)16-46.28.14 P. 61-(0)3-9532-5620 · F. 61-(0)3-9553-5844

Web Site: www.shepherdcolor.com * E-mail: salesusa@shepherdcolor.com

Your Creative Color Solution Since 1938



General Color & Chemical Co., Inc. P. O. Box 7 • Minerva, OH 44657 Phone: 330-868-4161 • Fax: 330-868-5880

www.generalcolor.com



FERROMATIK MILACRON

North America

Plastics Technologies Group

Mark Ruberg

Sales Engineer Injection Machinery Business

Milacron Marketing Company . Mid-West Regional Office 3041 Disney Street - Cincinnati, OH 45209-1025 Tel. 513/458-8284 = FAX 513/458-8278 Voice Mail 513/458-7998 Ext. 4682# • Cellular: 513/607-8482

E-mail: mark_ruberg@milacron.com • www.milacron.com

A plastics professional is reading this right now. So why not put your ad here?

Business card size ad 175.00 Quarter page ad 325.00 Half page ad 600.00 for 9 issues (1 year)

Call Dick Hauck at (513) 871-5544

PRINTING • GRAPHIC DESIGN DIGITAL COLOR (MAC + PC) **COPYING • MAILING SERVICE** 11137 READING ROAD, CINCINNATI, OH 45241

513-554-1797

FAX 513-554-0343 • www.versaprint.com rich@versaprint.com



serving the Tri-State grea

Experienced. Organized. Problem-solvers. Trust VersaPrint to...

DESIGN • PRINT • COPY • FINISH • MAIL

...all your printed materials, with friendly service and a smile!

Gesswein

State of the Art Mold & Die Polishing Equipment & Supplies

- Finishing Stones Abrasives • Norton Grinding Wheels • Diamond Products
- Ultrasonic Systems Rotary & Reciprocating Equipment
 - Weldmax-microwelder

Paul T. Mooradian • 248-642-3265 • 800243-4466 (Orders)



Tim J. Earley

Account Manager

Chevron Phillips Chemical Company LP

rytonpps@fuse.net

Office: (513) 561-3112 (513) 561-4512 Fax: Toll Free: (877) 798-6666 (2)

Advertiser Index

Please support our advertisers. YOU can help by seeing that SPECTRUM is circulated around your office, especially to those needing the product or service of our advertisers. If you use a product or service because of their advertising, let that supplier know you saw their ad in the SPECTRUM. Without the support of the advertisers, there would be no SPECTRUM.

ADVERTISER	CONTACT PAGE
A. Schulman, Inc	12
Alpha Mold, LLC.	Steve Meyer 15
Arkay Industries, Inc.	Kevin Kuhnash 15
Böhler Uddeholm	Charles Poolman 12
Burns Mold Supply	14
Clariant	Jack Headapohl 13
Control Equipment	Matt Hoffman 15
D-M-E Company	18
Ferromatik Milacron	Mark Ruberg 17
Foremost Machine Builders, Inc.	Kenneth Radcliffe15
General Color	17
General Polymers	17
Gesswein	Paul T. Mooradian17
Global Polymers	16
KraussMaffei	Peter Lipp 12
Lebanon Plastics	Terry Tackett 13
LNP Engineering	Jennifer Feldman 13
Marco Molding	Mickey Brandon
Master Industries	13
MHI Injection Molding Machinery, Inc	Manny Rosario 17
Midwest Plastic Systems, Inc	Jack Bell 12
Minco Tool & Mold, IncGary I	Deaton, Joe Kavalauskas 13
Mullins Precision Systems	13
National Tool & Manufacturing Co	12
OMG Group	15
Parker Seals	16
Plastic Services & Equipment	13
PolyOne	Gary Laughlin 14
Polymer Resources	Robert Grammer14
Pro Plastics Equipment, Inc	Rich Studer14

ADVERTISER CONTACT PAGE
Ryton PPS Tim Earley
SAS Automation, LTD
Schlemmer Associates, Inc
Sinclair Community College
Slide Solutions
The Shepherd Color Company
Tosko Plastics Machinery, IncBill Dowdney, Steve Wilson 12
Uniform Color Company
University of DaytonScott Segalewitz12
VersaPrint
Zed Industries

Additional **SPECTRUM** Copies:

\$2.00 per issue • Yearly Subscription: \$18.00

Contact: Bob Rajkovich

Gem City Plastic Machinery, Inc. P.O. Box 41713, Dayton, OH 45441 937-434-7515; 937-434-7516 Fax Email: bobr@gemcity1.com



For six decades, the mold tooling advantage.

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

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



800-626-6653 • www.dme.net

SPE Student Chapters for the Miami Valley Section













Contact:
Roger C. Scherer, Ph.D.
Edison Community
College
1973 Edison Drive
Piqua, OH 45356

Contact:
Jim Moller
Miami University
Department of
Manufacturing
Engineering
143 Kreger Hall
Oxford, OH 45056

Contact:
David Finlow
Shawnee State University
940 2nd Street
Portsmouth, OH 45662

Contact:
Stephen J. Clarson
University of Cincinnati
497 Rhodes Hall
Cincinnati, OH 45221

Contact:
Robert L. Wolff
University of Dayton
300 College Park Drive
Dayton, OH 45469

Contact: **Dave Meyer**Sinclair University

Attention Members

If you or your company have information that may be of interest to the Miami Valley SPE and would like that information published in the SPECTRUM, please contact Bob Rajkovich, Editor, at 937-434-7515, or by fax at 937-434-7516, or by email at bobr@gemcity1.com.



Be sure to notify SPE National (203-775-0471) of your new address so you don't miss a single copy of SPECTRUM or other items of interest to you in your career. We'll also transfer you to your new Section and let them know you've arrived!

Coming Up...

October 3rd

Cin./Doubletree Water molding - Engle



NON-PROFIT
U.S. POSTAGE
PAID
Cincinnati, OH
Permit No. 5521

