

news briefs

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March 1973

FOURTH ANNUAL MEETING



AMERICANA HOTEL
BAL HARBOUR, FLORIDA
APRIL 25, 26, 27, 1973

SPI President, Bob Hoffer, cordially invites SPI members. He has said "although many of our divisions and regional sections already hold such meetings of their own, this meeting at Bal Harbour, Florida, is specially for top management in our industry -- for the man with broad, national interests in plastics. This year, at the request of several members, your Board of Directors has decided to open up this meeting to any employee of a member company. We are concentrating on the key issues confronting our industry and can promise you an opportunity to hear and then meet and talk with Thursday's outstanding speakers. Special attention will be given as to how we plan to respond to the new 'flammability' challenges."

An exciting program is planned -- Dr. Henry King Stanford, President, University of Miami, will speak at the breakfast meeting, April 26, on "Excellence and Equality in the Land of Opportunity". Already scheduled speakers at the industry meeting Thursday morning include Professor Richard E. Bland, Penn State University, and Chairman of the President's National Commission on Fire Prevention and Control, speaking on "Man and the Built Environment". Basil J. Mezines, Executive Director, Federal Trade Commission, will speak on "Responsible Marketing Promotion and Development of Cellular Plastics and Other Products". The key speakers will be announced soon. Thursday afternoon promises a golf outing at the Country Club of Miami, and a visit for the ladies to Vizcaya - an Italian palace in Miami.

The annual business meeting of SPI for Friday, April 27, will zero in on SPI today and the challenges it faces for tomorrow. Watch for your announcement and registration forms - in the mail soon!

SPI-26567

NEWS FROM THE FEBRUARY SPI BOARD MEETING.....

AMENDMENT OF SPI BYLAWS: SPI's Board of Directors unanimously passed a resolution involving two amendments to the Bylaws. Letter ballots have gone to voting representatives. The Board's resolution reads as follows:

BE IT RESOLVED, that in accordance with the amendment procedures set forth in Article XIV of the Bylaws, the membership shall be balloted with a view towards amending the Bylaws as follows:

1. Article VI, Section 3, shall be amended so that the titles of "President" shall be changed to "Chairman" (Chief Executive Officer), "Vice President" to "Vice Chairman" and "Executive Vice President" to "President" (Chief Administrative Officer) wherever these titles appear in this Article and elsewhere throughout the Bylaws.

2. Article VI, Section 1, shall be amended by replacing the last sentence thereof with the following: "The Chairman and Vice Chairman shall not serve in the same office for more than two consecutive one-year terms and the Secretary and Treasurer shall not serve in the same office for more than three consecutive one-year terms." (The maximum terms for Secretary and Treasurer were previously two years.)

THE SPI BOARD OF DIRECTORS IS RESPONDING TO A GROWING CONCERN within the industry on the subject of plastics and flammability. Discussions of this subject are high on the agenda of virtually every SPI operating unit. The reason is obvious. Every single plastics product in all applications is involved -- appliances, automotive, furniture, packaging, and pipe and other construction materials. The Board has voted to utilize funds from SPI reserves for the balance of the fiscal year 1972-73, and all of the year 1973-74 to launch a major new program on "combustibility" in regard to plastics. The initial projects will consist of an information program for fire fighters, and research studies to determine the effects of combustibility, smoke, and toxicity. Barring some new and unforeseen emergency, every effort will be made to finance "combustibility" activities from current operations and reserves for the short term. A major SPI challenge for the future, "combustibility" will be covered in detail at the April 25-27 annual SPI meeting.

A GUIDE FOR COOKWARE MANUFACTURERS.....At the request of the members of the Metal Cookware Manufacturers Association, and in the interest of assisting in the development and ever improved product safety, The Society of the Plastics Industry, through its Molders' Management Division, has developed a guide for cookware manufacturers. The guide suggests design criteria, heat limitations, and recommended test procedures for plastic cookware handles. Copies of the guide are available by writing The Society of the Plastics Industry, Inc., Midwest office, 3150 Des Plaines Avenue, Des Plaines, Illinois 60018.

125 ENTRIES HAVE BEEN RECEIVED BY MODERN PLASTICS MAGAZINE NOMINATING CANDIDATES FOR THE PLASTICS Hall of Fame. Established to acknowledge the major role played by outstanding contributors to the plastics industry's development and growth, the Hall of Fame induction dinner will take place in the Grand Ballroom of the Conrad Hilton Hotel during NPE/73 on Tuesday, November 6th. Excess proceeds from the dinner will be donated to the Plastics Education Foundation. Nominations will remain open until May 31, 1973.

KEEP AMERICA BEAUTIFUL DAY 1973 HAS BEEN SET FOR SATURDAY, APRIL 28 and will take various forms in different communities throughout the nation, but in essence will center around the traditional community clean-up program. Keep America Beautiful Inc. is looking for support from industry for this special day in the way of trucks and operators, pushbrooms, rakes, shovels, paint, brushes and painters, collection depots for recyclable materials, etc. If your company can participate, contact KAB at 99 Park Avenue, NYC, NY 10016 or call (212) 682-4564. And just why is this item in NewsBriefs? SPI, your Society, is an active member of KAB, with staff administrator Tom McGrath being an active participant of the KAB Operating Committee. It's part of SPI's positive approach to waste management and community relations. We're in a lot more than the plastics business, or have you noticed?

WANT TO START OFF ON THE RIGHT FOOT WHEN THE OSHA MAN VISITS YOUR PLANT? Reports have it that the aggressive and appropriate use of safety posters throughout a plant can have an amazingly soothing effect on the man from OSHA. Aside from the posters' primary purpose of serving as a constant "take care" and "be cautious" reminder to employees, they give immediate visual evidence that you are safety conscious, and the tour is off to a good start. The use of safety posters shows a management attitude of "we care" that words can't duplicate.

SPI's Midwest office has a set of twelve different safety posters which is available at \$2.00 per set. That's a very small investment for a most important area of plant operation. Send your check to POSTERS; SPI Midwest; 3150 Des Plaines Avenue; Des Plaines, Illinois 60018.

SOLID-PHASE (COLD FORMING) OF PLASTICS is the subject of a newly issued 100-page report by the Plastics Technical Evaluation Center of the U.S. Department of Defense. It is a comprehensive survey of the state of the art in solid-phase forming of plastic parts using traditional metal-working techniques which are new to the field of thermoplastic part production. The report contains a detailed study of each of the various forming processes, the materials suitable for each method, part design, advantages and disadvantages of each process, equipment and tooling requirements, processing effects on part properties, production economics and suggested applications suitable to these techniques. The report can be purchased from the National Technical Information Service; 5283 Port Royal Road; Springfield, Virginia 22151 at \$10. per copy. It is PLASTEC Report R42.

POTENTIAL FOR THE U.S. PLASTICS INDUSTRY IN SOUTHEAST ASIA, CHAPTER II.

Last month's News Briefs presented highlights of SPI's Bob Sherman's report of his three week trip to South Korea, Taiwan and Hong Kong on behalf of the International Division of the U.S. Department of Commerce for a U.S.D.C. Trade Fair. What follows here are excerpts from a report by Charles Chastain, President of High Strength Plastics Corp., who also visited the area as a representative of the U.S. plastics industry at the request of the Federal Government. The occasion was a traveling catalog exhibit in Thailand, Indonesia, Singapore and Malaysia. It was prepared before the recent dollar devaluation.

Although there is a decided preference for U.S. equipment and products because of their acknowledged superiority in accuracy, mechanical design, and general long term performance, the general feeling is that most U.S. equipment is "over-qualified" for the needed purpose. At any level, U.S. products are 10-20% higher in cost than competitive equipment. Another shortcoming is the lack of ability of U.S. producers to have readily available sales service people for help in installation, service, and repairs. The Japanese -- the prime competition -- are very fully staffed, and enjoy liberal support from their Government in arranging pricing and financing charges which U.S. companies cannot profitably match. Taiwan and Hong Kong are major factors in supplying equipment, and Australia is becoming an increasingly larger one due to new financial inducements offered by the Australian Government.

The potential for plastics equipment and material in Southeast Asia is growing rapidly, and will probably be the largest new market for plastics in the next decade. The U.S. plastics industry is already in an inferior supply position which can only be reversed by new U.S. Government policies on trade, financial incentives, etc. Small and medium-sized U.S. companies could not afford to become involved even in exploratory studies without U.S. Government supported and sponsored trade missions, seminars, and the assurance that there would be a profit commensurate with the time, trouble and risk involved through direct financial assistance and/or tax incentives.

Of the four countries visited, Malaysia offered the greatest immediate potential, in part because of already existing and growing plastics industry, but also because the Malaysian Government's willingness to give preferential tax benefits to new industries. Added to this is a large and available labor pool in both skilled and unskilled workers, the most stable government in Southeast Asia both politically and economically, and a pay scale of \$1 - \$2 per day for factory workers.

Thailand's plastics industry is on a most primitive level, with a strong tendency to purchase used equipment requiring lots of cheap labor to operate. The parts produced are of comparable low quality. Indonesia is rich in natural resources of minerals, oil, timber, etc, but is also plagued by illiteracy, corrupt government, over population, and poverty and is not expected to develop anywhere near its potential for another 25 to 50 years. Singapore has a strong and expanding plastics industry -- some of it modern, some rather obsolete. At present all equipment and service is provided by companies based in Hong Kong and Japan.

A HIGHLY SUCCESSFUL 28TH ANNUAL REINFORCED P/C INSTITUTE CONFERENCE, both from the standpoint of attendance and the quality of the technical presentations, drew over 2,200 attendees to Washington, D. C., Feb. 6-9. The concurrent exhibit at the Shoreham Hotel of the new reinforced plastics products also set something of a high water mark in quality and in numbers. Also, because of local TV and newspaper coverage, the exhibit drew an unprecedented local attendance.

The McGraw-Hill Award for the Best Paper presented at the 28th Annual Conference of the Reinforced Plastics/Composites Institute went to the NASA-Lewis Research Center paper on "Criteria for Selecting Resin Matrices for Improved Composite Strength" by C. C. Chamis, M.D. Hansen and T. T. Serafini. The paper also won top place in the Materials Research & Properties category. Accepting the Award from Dr. Gordon M. Kline, Technical Editor of Modern Plastics Magazine, is Christos C. Chamis (right).



Leonard Berringer, Editor of Plastics World, (at left in photo) presents the award for the best Marketing Paper to be delivered at the 28th Annual Conference of the Reinforced Plastics/Composites Institute to John A. Keown, formerly of Engineered Molding Systems, for the paper on "SMC Versatility in the Design and Construction of the General Motors '73 Motor Home." The Painted Desert GM Motor Home also won the Grand Design Award in the RP/C Conference's Annual Exhibit of new reinforced plastics/composites products.

THE REINFORCED PLASTICS INDUSTRY'S "MAN OF THE YEAR" IS ROBERT E. GRIFFITH, Executive Vice President of Structurlite Plastics Corp., Hebron, Ohio. This Executive Committee award, the industry's highest honor, was announced at the 28th Annual Conference of the Institute. The award recognizes "important accomplishments and service to reinforced plastics and the Institute". Griffith is a pioneer in reinforced plastics. After majoring in business administration at Ohio State University and a stint in the Navy during World War II, he joined Owens-Corning Fiberglas Corp. in 1945. He worked in the Plastic Product Development Department until 1948 when he left to help organize Structurlite Plastics Corp. This custom molding company was one of the first to produce fiber glass reinforced plastic products using the fiber preforming system. He has been active in the Society of the Plastics Industry, Inc., including membership on the Executive Committee and Policy Committee of the Institute.

GRAND DESIGN AWARD AT 28th CONFERENCE OF THE RP/C INSTITUTE EXHIBIT

The General Motors new Motor Home won the hotly contested Transportation market category in the exhibit and captured the Grand Design Award for its imaginative use of sheet molding compound for body components.



THE PROCEEDINGS BOOK IS AVAILABLE OF THE 28TH CONFERENCE of the Reinforced Plastics/Composite Institute. The book which includes full texts of the technical papers given during the four-day session can be obtained from SPI at \$25 per copy plus postage. Requests should be addressed to Charles L. Condit, SPI, New York.

THE REINFORCED PLASTICS INDUSTRY IS PROJECTING AN 18 PERCENT GROWTH IN 1973 to slightly over 1.4 billion pounds after topping the billion pound mark in 1972 by greater-than-expected shipments of 1.21 billion pounds, David J. Clavadetscher of Premix, Inc., General Chairman of the Reinforced Plastics/Composites Institute, reported at the opening of the Institute's 28th Annual Conference. The 1972 figure represented a 24.1% gain over '71. "The healthy growth forecast for 1973 is not just a 12-month bonanza but is expected to continue into 1976, '77 and '78," Mr. Clavadetscher said. "Manufacturers surveyed by the Institute anticipate shipments of 2.1 billion pounds by 1976, an increase of 79 percent in four years, and then 2.8 billion by 1978."

MATERIALS, PROCESSING AND MARKET DATA UPDATED IN 1973 RP/C INSTITUTE BOOKLET.

The decision-making facts about reinforced plastics and composites including descriptions of the wide variety of processing methods and resin-reinforcement combinations, and analyses of the growth trends in these materials' eight major markets are detailed in the 1973 brochure, "Reinforced Plastics/Composites - Ever New," by the Institute. The publication also tells the advantages of this huge family of materials and details specific uses in such key areas as aircraft and aerospace, appliances, building and construction, consumer goods, corrosion-resistant products, electrical components, marine and land transport. The booklet is available without charge from SPI, New York.

DON'T MISS SPI'S FOURTH ANNUAL MEETING at the Americana Hotel, Bal Harbour, Florida, April 25-26-27, 1973. An exciting program is planned. The meeting is open to any employee of any SPI member company. Welcome all.

HAVING A DIFFICULT TIME KEEPING UP WITH OSHA AND ITS RULES AND REGULATIONS?
Here is some recent information that you may find helpful. They are a sampling of a series of violations cited in the plastics industry.

<u>Violation</u>	<u>Penalty</u>	<u>Abatement</u>
Failure to limit exposure to permissible sound levels at extruder and savage saw area.	None	Temporary Ear Protection
Failure to provide guards on rolls in extruder area.	\$30	30 days
Failure to provide a standard rail at Banbury Mills, compounding station and press area.	\$30	30 days
Failure to train operators in the safe operation of industrial trucks.	None	30 days
Failure to ground exposed non-current carrying metal parts of two portable vacuum cleaners which can become energized in extruder area and compounding station.	\$30	30 days
Failure to provide free and unobstructed use of passageway in compounding station area.	None	30 days
Failure to keep flammable liquid in approved covered container in calender area.		

There are many useful and informative publications available from the U.S. Department of Labor written in layman's language that can provide assistance in understanding the many complexities involved in interpreting the requirements of OSHA. Listed below are a few of the more outstanding ones.

"What Every Employer Needs to Know About OSHA Record-keeping Report #412"

"A Guide to the Procedures of the Occupational Safety and Health Review Commission"

"One Hundred Questions and Answers About OSHA"

"Inspection by OSHA"

"General Industry Guide for Applying Safety and Health Standards"

THE INTERNATIONAL AWARD IN PLASTICS SCIENCE AND ENGINEERING, SPE's most prestigious honor, will be presented to J. Lawrence Amos, recently retired administrator of Dow Chemical's Technical Liaison International, Executive Research Department. Mr. Amos was directly involved in the research and development of styrene-based plastics, including foam, expanded material, and films. The Award will be presented at SPE's up-coming ANTEC in Montreal on May 9 at which time Mr. Amos will deliver his International Award Lecture entitled "The Historical Development of Impact Polystyrene."

OPERATING RATIOS SURVEY NOW AVAILABLE "The Financial Management Committee has announced the release of the results of the 10th Financial and Operating Ratios Survey. This survey which is conducted annually, covers plastics processing firms in the U.S. It has all of the major operating ratios enabling plastics companies to compare how well they are doing with that of the industry. This year, two new ratios on productivity were added.

The report is available from the Financial Management Committee at a cost of \$10.00 per copy from SPI member firms. Non-members firms can order it for \$25.00 per copy. Orders with checks made payable to SPI should be sent to the attention of the Financial Management Committee at The Society of the Plastics Industry, 250 Park Avenue, New York, New York 10017.

THE MONTHLY PROGRESS REPORT OF THE PLASTICS EDUCATION FOUNDATION shows still more accomplishments. Here's a brief up-dating.

- ...The Modern Injection Molding Program was presented in Philadelphia and Los Angeles as a one-day seminar and will be given in Buffalo in the fall.
- ...A program was presented to the North Texas section of SPE and ways of cooperating to achieve educational goals were discussed with specific plans to be formulated in the near future.
- ...Plans are being finalized for the Foundation's two-week summer program to be conducted at the Virginia Polytechnic Institute in conjunction with the Fairfax County School District. It will be the first summer workshop initiated by and sponsored by PEF with a local school board underwriting the costs for the instructor and PEF furnishing the audio-visual materials and working equipment. Depending on the outcome of this undertaking, the Foundation could conceivably expand the program to many more schools in summer of '74.
- ...Two extruders and one injection molding machine suitable in size for school use were donated to PEF and placed in schools in New York and Minnesota. PEF also had to offer of three large injection molding machines which it will try to trade to an equipment dealer for smaller equipment suitable for school workshops.

REFLECT CAREFULLY ON THE PROS AND CONS OF AREA-WIDE BARGAINING BEFORE embarking on a procedure that may prove irreversible, cautions SPI's Labor Counsel, Benjamin Werne. In a special bulletin sent to New Jersey SPI Mold Maker members regarding "Association or Area-Wide Bargaining," he says:

"...small companies can be swept into union negotiations and be bound by an area-wide agreement on the terms of which they may have little or nothing to say. Many factors should be considered. The needs of each shop are very different. The association may make a concession which could be found to be not in the best interests of every shop."

In his advisory, Mr. Werne cites a number of cases where court decisions have ruled against a company which chose to withdraw from a multi-employer bargaining situation when negotiations were trending against his company's particular interests. He discusses some of the responsibilities of both management associations and labor in the process of negotiations, and points out some of the possible dangers contingent on specific actions.

RECEIVING INQUIRIES FROM THE NATIONAL CLASSIFICATION BOARD OF THE MOTOR CARRIER Industry? Do you know that SPI's Traffic Committee has worked with the NCB directly for more than fifteen years and there are advantages to you and to our industry if you refer all inquiries from the Board to SPI? Here's why. One of the Traffic Committee's major objectives is to supply to the Board compiled and relevant data so that:

- ...(1) it receives representative figures on the basis of industry-wide surveys instead of individual company figures which might be misleading and result in distorted classification decisions.
- ...(2) individual companies, which might be justifiably reluctant to do so, will not feel compelled to reveal proprietary statistics to a non-governmental agency.

Every SPI member company is certainly free to supply such data as it wishes to the Board, but there might be occasions when you feel it is more appropriate to answer a specific NCB inquiry by advising that your data will be submitted to the SPI Traffic Committee as part of an overall industry survey, and for that reason you would prefer not to answer individually. SPI's legal counsel advises that this answer will almost always be an acceptable response, especially since there is a solid and long-term working relationship between SPI and the NCB.

The National Classification Board is not a government agency. It is constituted of men appointed by the trucking industry who are permitted to establish freight classifications used by the trucking industry under a special exemption from the antitrust laws. As such, the Board is always interested in expanding its knowledge about freight characteristics since this type of information is a major factor in establishing freight increases or decreases according to classification assignments.

SPI'S MOLDERS' MANAGEMENT DIVISION has published a Pledge of Quality brochure explaining the criteria of product and molder integrity the division deems essential for acceptable professional performance. The brochure "The SPI Molder - Your Symbol of Product Integrity" contains on the back cover the "Pledge of Quality" which members of SPI's Molders' Management Division offer. The brochure, intended for distribution to users and potential users of plastics, describes the advantages of dealing with a responsible molder in terms of reliability, counselling, know-how, etc. Copies of the publication are available at \$1.00 single copy, \$.50 each - 0-49 copies, \$.39 each - 50-99 copies, \$.25 each - 100 copies and over from SPI's Midwest Office at 3150 Des Plaines Avenue, Des Plaines, Illinois 60018.

TWENTY-ONE COMPANIES HAVE RESERVED SPACE IN PROCESSORS' AND REINFORCED

Plastics Hall, and a special sales campaign is now underway within a 150-mile radius of Chicago to interest every potential company which would be an appropriate exhibitor for this special custom molder area. A list of candidate company names has been prepared, and special mailings, phone calls, and in-person sales calls are now being made. Every SPI member can help make this year's NPE the biggest and best ever. Sell the Show wherever and whenever you can. The larger the number of exhibitor, the more fruitful a show it is for everybody concerned -- those participating and those visiting. And remember, there won't be another NPE for three years!

NEW SPI VOTING MEMBER COMPANIES.....

ALMA PLASTICS COMPANY, Alma, Michigan, Mr. Leo R. Fleming
ANCHOR COATINGS INC., Waukesha, Wisconsin, Mr. David Martell
AQUADOR PLASTICS, INC., Clinton, Massachusetts, Mr. Benjamin D. Pollack
AUTOMATION SYSTEMS, INCORPORATED, Hudson, New Hampshire, Mr. William G. Drew
BARBER-COLMAN COMPANY, INDUSTRIAL INSTRUMENTS DIV., Rockford, Ill., Mr. C. A. Cibelius
THE CARBORUNDUM COMPANY, Niagara Falls, N. Y., Mr. J. Tracy O'Rourke
THE CENTRAL FOUNDRY COMPANY, Tuscaloosa, Alabama, Mr. Warren D. Jelinek
CERTAIN-TEED PRODUCTS CORPORATION, Kansas City, Kansas, Mr. John W. Dunbar
CITATION PLASTICS COMPANY, Pleasantville, New Jersey, Mr. Irwin Lihn
S.H. COHEN & COMPANY, INC., Forest Hills, New York, Mr. Stewart H. Cohen
DAVIS WATER & WASTE INDUSTRIES, INC., PVC PIPE PLANT, Thomasville, Ga., Mr. D. H. Price
DUKANE CORPORATION, ULTRASONICS DIV., St. Charles, Ill., Mr. J. H. Lyon
DUERR TOOL & DIE COMPANY, INC., Springfield, New Jersey, Mr. Karl W. Duerr
THEO. EBERT & COMPANY, Chicago, Illinois, Mr. Theo. Ebert
ENGINEERING PLASTICS, INC., Westboro, Massachusetts, Mr. John A. MacIntyre
ERSHIG'S, INC., Bellingham, Washington, Mr. A. Herbert Ershig
EXTRUDED PLASTICS COMPANY, INC., Santa Ana, California, Mr. Al Wilson
FULOROWARE, INC., Chaska, Minnesota, Mr. V. Wallestad
FOAM FABRICATORS INC., St. Louis, Missouri, Mr. Theodore Komen
FRAM CORPORATION, Henderson, North Carolina, Mr. S. Martin Billett
GREAT LAKES CHEMICAL CORPORATION, W. Lafayette, Indiana, Mr. Allen W. Smith
GREGG FOODS INC., Portland, Oregon, Mr. Vern E. Blando
H C PRODUCTS COMPANY, Princeville, Illinois, Mr. C. K. Wolfert
HORIZON PLASTICS INC., Chicago, Illinois, Mr. Robert S. Arvans
HURLBUT PLASTIC PIPE CORPORATION, Madison, Wisconsin, Mr. J. Pep Gnewuch
ITT THERMOTECH, Hopkins, Minnesota, Mr. Tony Norris
L & H PLASTIC COMPANY, INC., Long Beach, California, Mr. Foster A. Hooper
LANDER COMPANY, INC., New York, New York, Mr. Norman Auslander
THE MATHER COMPANY, Milan, Michigan, Mr. Ray Wrobbel
MATTTEL TOYMAKERS, Hawthorne, California, Mr. Frank Sesto
MIDWEST MANUFACTURING CORPORATION, Burlington, Iowa, Mr. James B. Fitzgibbon
MINNESOTA DIVERSIFIED PRODUCTS, INC., St. Paul, Minnesota, Mr. David Skjervolt
MOLECULAR DESIGN, INC., Cleveland, Ohio, Mr. H. Harald Lutzmann
PEERLESS PLASTICS INDUSTRIES, Evansville, Indiana, Mr. William F. Brown
PHILCO-FORD CORPORATION, Connersville, Indiana, Mr. W. F. Stewart
PIONEER APPLICATORS INC., Johnston City, Illinois, Mr. Robert E. Cochran
PLAS-CHEM CORPORATION, St. Louis, Missouri, Mr. Enos Dean Jarboe
PLASTOMERIC, INC., Waukesha, Wisconsin, Mr. Ernest E. McClellan
POLY INDUSTRIES, INC., Owensboro, Kentucky, Mr. Tony Clark
POLYSTRUCTURE SYSTEMS, INC., Adams, Massachusetts, Mr. James W. Sedore
PRONTO PLASTICS, San Mateo, California, Mr. Robert S. Elliott
QUALITY CONTROLLED INDUSTRIES, INC., Ruffsedale, Pennsylvania, Mr. Frank Fekete
SARCOL, INC., Chicago, Illinois, Mr. R. E. Schoeller
SLOANE PLASTIC CORPORATION, Acton, Massachusetts, Mr. George B. Sloane
STANDARD INSULATION OF NORTH CAROLINA, INC., Raleigh, N.C., Mr. Larry A. Martin
TECH PLASTICS INC., Tempe, Arizona, Mr. Steve Uhlmann
THOMCO PLASTICS CORPORATION, Oxnard, California, Mr. Mark A. Thomas
THOMSON NATIONAL PRESS COMPANY, Franklin, Massachusetts, Mr. J. W. Hipple, Jr.
UNION TOOL & MOLD COMPANY, Union, New Jersey, Mr. A. R. Arrighi
UNITED ROOFING COMPANY, Los Angeles, California, Mr. Jared Fuhrman
VENUS PRODUCTS, INC., Kent, Washington, Mr. Frank Ives

THE PLASTICS PROCESSOR AND OSHA the Federal Occupational Safety and Health Act has been in effect for about two years. However, few if any, plastics processor has seen a Federal Inspector and the truth of that he may not in the near future. However, this does not exclude him from being cited if he is inspected as ignorance of the law is no excuse. It is up to the individual to be knowledgeable of the laws that effect his operation. Accordingly, let us, together, explore our position as plastics processors by asking the obvious questions.

1. Am I affected by OSHA?

Yes. Every employer is responsible under the law to provide a safe working environment for all of his employees, and OSHA, through the Federal Register, Part II, revised Oct. 18, 1972 sets forth these provisions.

2. In what way, am I affected by OSHA?

If you fail to comply, as specified above, you can be cited and fined for each violation.

3. Should I invite the OSHA inspector to review my plant?

No. First of all, there are not enough inspectors to cover all of industry. They are busy responding to complaints by employees, investigating industrial fatalities and following the five target industries with the worst accident records.

4. Is Plastics one of the target industries?

No. But our accident rate for man hours worked is not very good. There is a lot of room for improvement.

5. Do I comply with OSHA now?

Probably not. First there are no published standards covering plastics processing machinery. This means that the inspector must interpret the Federal Register under the section covering general guarding as far as the machines are concerned. The register is very specific, however, regarding work environment, and not many plastics processors comply in these area.

6. Isn't the machinery manufacturer responsible for OSHA compliance?

The Federal Register does not, as previously stated, specifically cover plastics processing machinery at this time. The machinery manufacturer needs only to comply with the state of the art at the time of manufacture. Once that machine leaves the manufacturers plant, it becomes the responsibility of the owner or employer to comply with OSHA.

7. Are standards being prepared?

Yes. The Society of Plastics Industry's, (SPI) Machinery Div. is so engaged, through it's Safety and OSHA committee. This committee is developing standards covering horizontal and vertical Injection molding machines, vertical clamp compression and transfer presses, extruders, thermoformers, foam molders, rotational molders, blow molders, plus auxiliary equipment such as hopper loaders and dryers, cut off saws, take off equipment and the like.

8. When will these standards be completed?

It is the goal of the committee to present to the American National Standards Institute, (ANSI), drafts of the above standards for concensus approval by mid March 1973.

9. Why ANSI and not OSHA?

ANSI is one of the standards producing organizations recognized and accepted by OSHA.

10. How will these standards affect me?

If you have machinery of more than a few years old, chances are that it will not comply. This means that you will have to upgrade this equipment, by applying the proper safety equipment.

11. How do I do this?

Obviously you can contact the original manufacturer of this equipment for help. They are as concerned for the safety of your employees as you are and will provide kits. You are not restricted to this path, however. Either way, you will be required to comply, once these standards become ANSI standards, as they then become part of OSHA.

12. How much time do I have?

None at all. The Occupational Safety and Health Act became law as of April 1971, you should be concerned and involved now. The SPI proposed standards are attempting to provide uniform standards to help you comply. By not having uniform standards, the local OSHA or State inspector can interpret the register as he wishes and compliance can be difficult.

THE COUNTDOWN FOR NPE/73 IS ON SCHEDULE AND PROGRESSING SMOOTHLY with only eight months to go 'til show time. The exhibitor number for the area not including Processors' and Reinforced Plastics Hall is just a shade under 300 at this writing. New overseas exhibitors have come in from Portugal and Japan, plus two new entries from Canada and one from Mexico. Shouldn't you as an SPI member be in NPE/73? It's your show, so if you haven't made a commitment to participate, give your Society a call. You would be most welcome, and we'd be delighted to have you on board.

TUNING IN TO INDUSTRY MEETINGS, SEMINARS, AND TRAINING COURSES

In March --

March 12-14. The Adhesive and Sealant Council will offer an in-depth program on the problems of quality control in the production of adhesive and sealant products for today's markets at the Valley Forge Hilton, King of Prussia, Pa. Call the Council in Park Ridge, Ill. for further information. (312) 825-8196.

March 20-22. Rensselaer Polytechnic Institute of Troy, New York will offer a three day course on its campus on "Coloring of Plastics." All aspects of the theoretical and practical problems of coloring plastics will be examined. Contact Marvin Clark at RPI.

March 22-23. The Third National Annual Injection Molding Conference at the Americana Hotel in Miami Beach. Sponsored by New York University, the conference has been designed specifically to discuss the new economics of injection molding as influenced by recent developments in machinery, molds, automation, bulk handling, estimating, accounting procedures, and legislation. Contact: Robert Strong. (212) 687-8540.

In April --

April 13-14. "The Wide World of Plastic Tooling" will present fourteen papers related to plastic tooling and four general interest topics: "The Space Shuttle," "BART Transportation," "The Changeover to the Metric System" plus a surprise speaker from United Air Lines. Sponsored by SPI in cooperation with the California State University at San Diego, this is the Seventh Annual Western Plastics for Tooling Conference. The place is the Le Baron Hotel in San Diego. Further info. is available from SPI: 611 S. Catalina Street, Los Angeles 90005.

April 25-26. A major conference in New York on all aspects of The Occupational Safety and Health Act (OSHA) and its implications in plastics manufacturing operations will feature speakers from government and industry. Geared to helping plastics processors deal with complying with OSHA, "OSHA For Plastics Processors" is sponsored by New York University. Contact: William Kulok. (212) 687-8540.

In May --

May 23-24. First National Polyvinyl Chloride Conference in Chicago sponsored by New York University. Contact same as above.

In June --

June 5-6. First National Polymer Characterization Conference in NYC sponsored by New York University. Contact same as above.

June 5-7. "Polymer Additives for Flame Retardance" Sponsored by the Plastics Institute of America at Stevens Institute of Technology in Hoboken, N. J. Contact the Institute at (201) 792-1839.

June 19-20. First National Joining Plastics Conference in NYC sponsored by NYU. See above for contact.

June 25-26. First National Urethane Conference in NYC sponsored by NYU. See above for contact.

SEVENTH ANNUAL WESTERN PLASTICS FOR TOOLING CONFERENCE co-sponsored by SPI Western Section Plastics for Tooling Group and California State University at San Diego, Department of Industrial Arts, is scheduled for Friday and Saturday, April 13-14, 1973, at Le Baron Hotel, San Diego, California. Theme of the conference is "The Wide World of Plastic Tooling." Basic sessions and advanced sessions will be held. The featured speaker for the Friday evening dinner will be L. Ellsworth Perry, Regional V.P., United Airlines. The subject of his talk will be "Hijacking." Gordon Ray, chief of Audio Visual Communications, Space Division, North American Rockwell Corp., will be the guest speaker at the April 14 luncheon. His subject is "The Space Shuttle." To register for the conference, please contact SPI, 611 S. Catalina, Los Angeles, California.

CALENDAR OF COMING EVENTS

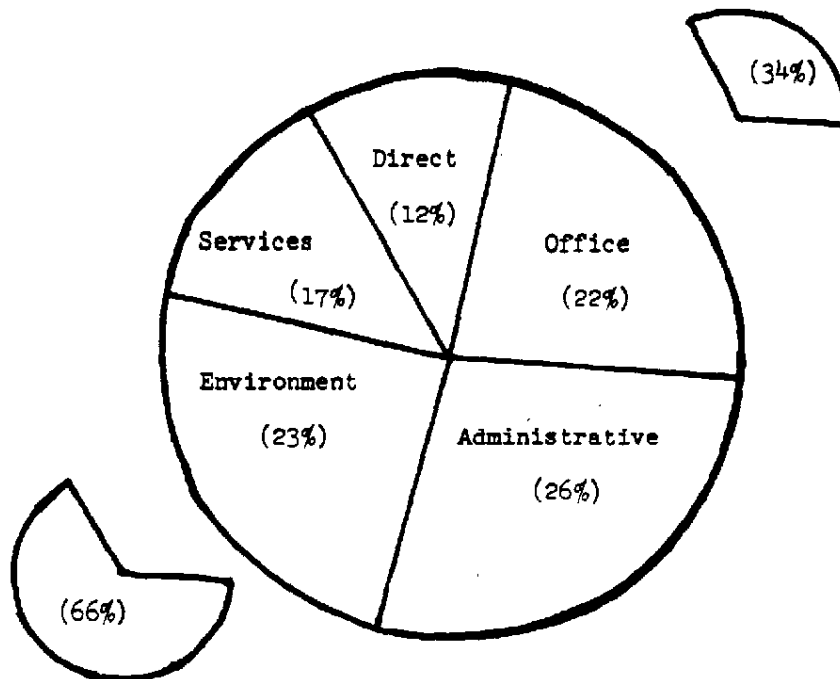
1973

April 13 - 14	SPI Seventh Annual Western Plastics for Tooling Conference	LeBaron Hotel San Diego, Calif.
April 25 - 27	Fourth Annual Meeting of SPI	Americana Hotel Bal Harbour, Florida
May 11	Second Annual Flammability Conference	Sheraton-O'Hare Hotel Rosemont, Illinois
May 17 - 19	SPI 30th Annual Western Section Meeting	Del Coronado Hotel Coronado, Calif.
June 5 - 7	Fourth Annual Midwest Founders Conference	Nordic Hills Itasca, Illinois
June 12 - 14	14th Annual SPI National Plastics for Tooling Conference	Purdue University Lafayette, Indiana
June 18	Appliance Council Awards Breakfast	Conrad Hilton Hotel Chicago, Illinois
Sept. 19 - 21	29th New England Conference - SPI	Wentworth-by-the-Sea Portsmouth, New Hampshire
Nov. 5 - 9	NPE/73 - National Plastics Exposition	McCormick Place Chicago, Illinois
Nov. 28 - 30	Cellular Plastics Technical Conference	Pheasant Run St. Charles, Illinois
Dec. 4	Plastics in Construction Council Annual Meeting	(Site not established) Chicago, Illinois

CHANGE OF MEETING LOCATION....The SPI New England Section 29th Conference scheduled for September 19-20-21, 1973, has been moved from the Equinox House, Manchester, Vermont, to Wentworth-by-the-Sea, Portsmouth, New Hampshire, due to lack of space at the Equinox House.

WHERE DOES THE MONEY GO?

About 34% of your dues are used for direct support of divisions and groups, while the balance of 66% pays for supporting services. As will be explained below, this is where the money goes:



SPI members from time to time have asked for more information on "What Do We Get For Our Dues?" Our accounting records have presented the out-of-pocket expenses in great detail by operating unit and function. However, until now there has been no information on how staff time and salaries are divided up among all the various activities. This analysis, presented to the Directors at their February meeting, provides new insight into how your trade association works for you.

31,845 MANHOURS

Beginning with the 1971 - 1972 fiscal year; SPI's staff administrators have kept detailed time records, compiling the hours worked on behalf of each of the operating units, services, or functions for which they are responsible. These time reports added up last year to 31,845 hours - 20.5% of which represented overtime. The total of salaries and benefits for these staff administrators and their secretaries was \$599,000. Thus, we derived a rate of \$18.80 per hour per man and secretary for allocation purposes.

RESTATEMENT OF SPI'S EXPENSES

With salary information broken down in detail, SPI's 1971 - 1972 operating statement can be restated and summarized as follows:

(Thousands of Dollars)	<u>Operating Expenses</u>	<u>Legal Expenses</u>	<u>Salaries, Benefits</u>	<u>Total</u>	<u>%</u>
Divisions and Groups	35	27	127	189	12
General Office	253		83	336	21
Administrative Services (Including Sections)	175	23	202	400	26
Environmental Units	184	8	162	354	23
Other Services	<u>87</u>	<u>53</u>	<u>117</u>	<u>258</u>	<u>16</u>
<u>Total:</u>	734	112	691	1,537	100

DESCRIPTION OF EXPENSES

At first glance the total of out-of-pocket and legal expenses plus salaries for the divisions and groups seems surprisingly small, but it's merely the tip of the iceberg. Almost everything else that happens in SPI is in direct or indirect support of the division programs. For example, the General Office category includes all of the overhead needed to support the divisions including rent, utilities, telephone, postage, computer services, etc. - plus the salaries of the accounting and general office personnel. Added together, these division and supporting office expenses account for \$525,000 or 34% of the total budget.

The Administrative Services category of \$400,000 covers communications, membership development, information services to members and non-members, as well as general administration. It also includes \$62,000 in operating expenses plus \$85,000 in allocated salaries for a total of \$147,000 (9.5% of all expenses) in support of the Western, Midwestern and New England Sections.

SPI's Environmental Units cover a wide range of programs in Safety and Loss Prevention, Safe Use of Plastics, and solid waste management. Because of the New York City container tax and because of greatly expanded activities, SPI's Public Affairs Council was supported out of general funds with \$50,000 in out-of-pocket expenses and \$117,000 in salaries. Incidentally, the proportions within the environmental category are substantially changing in the 1972-1973 fiscal year because of the increasing concern with flammability problems.

Under other services are included the expenses incurred and salaries allocated for the National Plastics Exposition, the Plastics Education Foundation, statistics financial management services, international, traffic, distribution, food, drug and cosmetic packaging (FDA Liaison), and the Appliance and Furniture Councils.

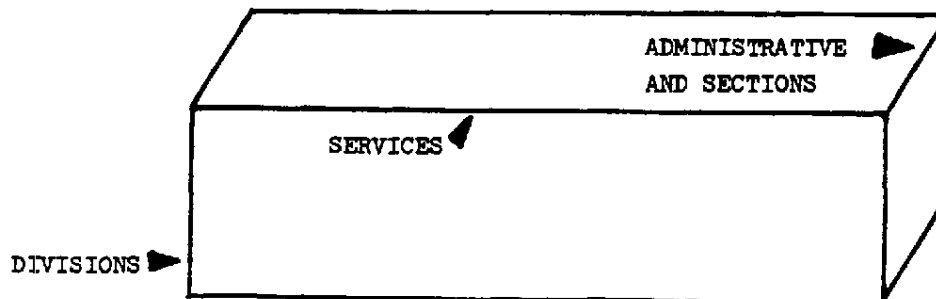
A THREE DIMENSIONAL TRADE ASSOCIATION

One of the principal objectives of SPI's Plan For Growth, initiated four years ago, was to emphasize specialization within the Staff. Thus, instead of a staff administrator attempting to perform all types of services for his assigned operating units, he calls upon his colleagues for appropriate expertise and assistance.

SPI has often been referred to as a federation of semi-autonomous divisions, which are virtually trade associations in themselves. While this continues to be the case, it is advantageous for these divisions to utilize many services which are common to many groups. Further, many of the problems now confronting plastics are industry-wide - best handled with as much collective clout as possible.

It wasn't so very long ago that SPI members could describe their trade association merely in terms of the programs of the particular division in which they were interested. Well, times have changed - and so has this industry. SPI is merely trying to keep pace with the changes, the growth, and the challenges.

Today, SPI can best be described as a three dimensional trade association. The activities of the divisions are given a broadened scope by the supporting services. Those two dimensions are given depth by the administrative services and the geographical sections.



KNOW YOUR SPI....

REINFORCED PLASTICS/COMPOSITES INSTITUTE

The RP/C Institute services a wide range of companies producing resin, glass and additives, and molders and fabricators producing products by matched die molding, filament winding, pultrusion, sheet molding compounds, hand layup, sprayup, contact molding and others.

PURPOSE

The Institute deals in the widest possible range of diversified subjects and services--both technical and managerial--to advance the interests and improve the business of its members.

PROGRAM

The major SPI industry meeting each year (February) is the RP/C Institute's Conference, now approaching its 30th Annual Meeting. The Conference regularly attracts nearly 2,000 U.S. and foreign attendees to hear over 100 papers during the 3 1/2 day Conference.

Papers are pre-printed as a Proceedings Book and distributed to Conference attendees.

Committees are the backbone of RP/C Institute. Currently functioning Committees include: (1) Executive Committee, 12 individuals, meets three times yearly; (2) Policy Committee (Steering Group), 180 individuals, meets three times yearly; (3) Fiberglass Reinforced Panel Council, 70 individuals, holds three 2-day sessions yearly; (4) Reinforced Thermoset Press Molding/Premix Committee, 350 individuals. These two committees meet sequentially during a 2-day period, in connection with a tour, twice a year; (5) Resin Committee--meets twice yearly in connection with meetings of No. 4 above; (6) Bathroom Components Committee, 25 individuals, no regular meeting schedule. A new group recently reorganized to defend against outside attacks, promote standards. Administered by SPI's Western Section Office, Los Angeles; (7) Corrosion Resistant Structures, 160 individuals, meets twice yearly; (8) Reinforced Plastics Pipe and Fittings (joint committee with ASTM, handled by SPI), 80 individuals, 2-day meetings, three times yearly.

Standing Committees serving the Policy Committee on a continuing basis include Public Relations, Speakers Bureau and Program and Exhibit Committee (for the Annual Conference).

Altogether, the RP/C Institute groups meet some 25 times a year in a wide variety of locations at the pleasure of each Committee.

The RP/C Institute is administered by SPI Staff Vice President Charles L. Condit, nearing his 30th year of service as RP/C administrator.

THERMOSETTING RESIN FORMULATORS DIVISION

The Division is comprised of members who formerly belonged to two separate SPI Divisions: Epoxy Resin Formulators and Epoxy Molding Materials Institute. Members are engaged in the purchase and use of basic thermosetting resins and sales of formulated products; resin suppliers qualify as associate members of the Division.

PURPOSE

The purposes of the Division are to promote: industry growth, by dissemination scientific and engineering information on thermosetting resin compounds; by communication among those in the industry and by promoting applications and use of their materials -- uniformity in specifications, test procedures and performance standards -- good practices in manufacturing and recognized technical standards of performance -- mutual benefits through cooperation within the industry and with governmental agencies and the public.

PROGRAM

The Division (and its forerunner Divisions): published "Guides for Classifying and Labeling Epoxy Products According to their Hazardous Potentialities" -- published "Epoxies - How to Handle Them Safely" and "Thermoset Molding," a training aid booklet for molders of epoxy resin compounds -- produced 30 test procedures suitable and meaningful for evaluating liquid epoxy resin systems and 20 test methods for epoxy molding compounds -- sponsors Epoxy Seminars at SPI's National Plastics Exposition -- co-sponsors SPI's Plastics for Tooling Seminar -- maintains close liaison with American National Standard Institute and ASTM; arranges technical and management speakers at Division meetings -- develops new test procedures and improves and updates existing procedures as technology changes.