

*File* 06-8-014  
*Heckman*

July 15, 1980

Mr. E. F. McMahon  
1601E OSP

Ed,

The attached report by Jerry Heckman is a pretty good review of some of the regulatory activities impacting plastics over the last 12 months and current issues. Thought you might be interested in having a copy. Appropriate business centers have copies.

*Bob Fortenbach*

Attachment

cc: Messrs. R. D. Mullineaux  
C. E. Stehr

✓  
R. W. FORTENBACH

Report of Jerome H. Heckman  
SPI General Counsel

Prepared For

June 11-12, 1980, Meeting  
of the SPI Food, Drug and  
Cosmetic Packaging Materials Committee<sup>\*/</sup>

Ladies and Gentlemen:

In our report for the Committee's December meeting, we discussed SPI's successes in the battle against container mandatory deposit legislation as well as its victories in having anti-plastics laws declared unconstitutional in Minnesota (Clover Leaf Creamery Co. v. Minnesota) and Hawaii (Juice Tree Hawaii, Inc. v. George Yuen). Continued vigilance and aggressive action have, so far, succeeded in maintaining open and free-flowing channels for plastics in the beverage container market. However, the United States Supreme Court opted against leaving the Clover Leaf Creamery case in a state of repose by granting the state's Petition for a Writ of Certiorari to the Supreme Court of the State of Minnesota. Since it would appear--but it is no certainty--that the most likely reason for granting the state's request would be to reverse Minnesota's trial and Supreme Court decisions declaring the anti-plastics law unconstitutional, we regard the Supreme Court's decision to review the case as unfavorable, at least for now.

We also discussed at length, in our previous report, the potential favorable regulatory fallout from Monsanto Co. v. Kennedy (Monsanto II),<sup>\*\*/</sup> the acrylonitrile beverage container case (AN case). Before going into more detail on the status of these and other state activities and regulatory affairs of significance to this Committee, let us first brief you on what we have learned or are anticipating in the way of personnel shifts within the Food and Drug Administration (FDA).

#### PERSONNEL SHIFTS AT FDA

In keeping with our customary practice of providing you with an overview of the "changing of the guard" at FDA, perhaps the biggest news to report

<sup>\*/</sup> Prepared and distributed on June 3, 1980, as textual material to be reviewed prior to the June 11-12 meeting of the Food, Drug and Cosmetic Packaging Materials Committee Meeting of the Society of the Plastics Industry, Inc., at the Hyatt Regency Hotel, Washington, D.C.

<sup>\*\*/</sup> 613 F.2d 947 (D.C. Cir. 1979)

**The Society of the  
Plastics Industry, Inc.**

**SP**

355 Lexington Avenue  
New York, New York 10017  
(212) 573 9400

R. H. Dreith

TO: THE PVC MANUFACTURING TECHNOLOGY  
COMMITTEE

FROM: John R. Lawrence  
Technical Director

J. Lawrence

RE: THIRD INTERNATIONAL SYMPOSIUM  
ON MACROMOLECULES

DATE: July 2, 1980

Attached is a program for the Third International Symposium on  
acromolecules which will feature PVC at its August 10-15, 1980  
meeting in Cleveland. In the event that some of you have not heard  
of this meeting, you may wish to consider attending.

In connection with this meeting we have had a letter from Dr. W. Ernst, Berufsgenossenschaft der chemischen Industrie, West Germany, indicating that during his attendance at this symposium he would like to discuss problems concerning toxic materials and especially carcinogenic materials as far as these substances will be found in the production process of polymers, e.g. vinylchloride, acrylonitrile, epichlorohydrin as also monitoring systems in the working atmosphere. It is my thought that the best opportunity for him to discuss these subjects might be with attendees at the Cleveland symposium.

If you are planning to attend and would be willing to talk to Dr. Ernst, please give Gloria Pyne a call (212/573-9437), so that we can advise Dr. Ernst of your availability.

Attachment  
JRL:gp

**THE**

SCC  
4-0040



Third  
International Symposium  
on Polyvinylchloride  
Second edition

SDC  
4-0045

**Third Cleveland International  
Symposium on Macromolecules  
August 10-15, 1980  
Case Western Reserve University  
Cleveland, Ohio 44106**

Organized under the auspices of the International Union of Pure and Applied Chemistry and held in conjunction with the Case Institute of Technology Centennial Celebration.

**General Chairman:** Edward A. Collins  
Diamond Shamrock Corp.  
Painesville, Ohio 44077

**General Secretary:** Phillip H. Geil  
University of Illinois  
Urbana, Illinois 61801

**Local Secretary:** Charles E. Rogers  
Case Western Reserve Univ.  
Cleveland, Ohio 44106

**Science Committee:**

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| M. Allsopp       | J. P. Kennedy  |
| J. Brandrup      | D. Lim         |
| A. Caraculacu    | A. Michel      |
| M. Corrego       | G. Pezzin      |
| R. Chortoff      | C. L. Sieglaff |
| J. Chauffoureaux | T. Suzuki      |
| F. N. Cogswell   | J. Ugelstad    |
| A. Hamielec      | D. Witenhofer  |
| R. L. Hoffman    |                |

**Organizing Committee:**

|                |                                           |
|----------------|-------------------------------------------|
| A. Berens      | B. F. Goodrich Chemical Research Center   |
| R. Brookman    | The Pantasote Company                     |
| O. P. Cohen    | Great American Chemical Company           |
| D. Eastman     | Hooker Chemicals and Plastics Corporation |
| C. Goldstein   | Borden, Inc.                              |
| M. J. Gossom   | Air Products and Chemicals, Inc.          |
| A. J. Jandeen  | Continental Oil Company                   |
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| P. E. Roggi    | Stauffer Chemical Company                 |
| S. Schwarz     | Firestone Tire and Rubber Company         |
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| W. Sorensen    | Tenneco Chemicals, Inc.                   |
| J. Summers     | B. F. Goodrich Chemical Company           |

**Local Committee:**

|              |                                 |
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| C. Rogers    | Case Western Reserve University |
| P. Englehorn | Case Western Reserve University |
| J. Gubbins   | Case Western Reserve University |
| C. Singleton | B. F. Goodrich Chemical Company |
| G. Dever     | Diamond Shamrock Corporation    |

**SCIENTIFIC PROGRAM**

The symposium will be formally opened on Monday, August 10, 1980, in the Strosacker Auditorium at Case Western Reserve University. Program will be divided into 7 topics, with plenary lecture, invited lecture and contributed papers.

**MONDAY MORNING**

**"POLYMERIZATION AND PURIFICATION"**

**Co-Chairmen**

Prof. A. Hamielec Dr. N. Fischer

**Plenary Lecture**

Prof. J. Ugelstad-Kinetics and Mechanisms of Vinyl Chloride Polymerization

**Invited Lectures**

Dr. A. Berens-Vinyl Chloride Monomers in PVC: from Problem to Probe

Dr. E. L. Zichy-The Life Cycle of Two Phase System in Vinyl Chloride Polymerization

**MONDAY AFTERNOON**

**"CHEMICAL AND MOLECULAR STRUCTURES"**

**Co-Chairmen**

Prof. G. Park Prof. R. P. Chortoff

**Plenary Lecture**

Prof. A. Caraculacu-Chemical and Molecular Structure of PVC

**Invited Lectures**

Dr. A. Guyot-Trial for Correlation Between Structural Defects and Thermal Stability in PVC

Dr. M. Kolinsky-New Aspects of Structural Arrangements of the PVC Chain

Dr. K. Abbas-Branching in PVC

**TUESDAY MORNING**

**"PHYSICAL CHARACTERIZATION AND MORPHOLOGY"**

**Co-Chairmen**

Mr. J. Davidson Dr. I. K. Park

**Plenary Lecture**

Prof. B. Ranby-Phase Structure of PVC and PVC

**Polymer Blends**

**Invited Lectures**

Dr. M. W. Allsopp-The Development and Importance of Suspension PVC Morphology

Dr. P. Struik-Physical Aging and Thermal History Effects in PVC, both above and below T<sub>g</sub>

**TUESDAY AFTERNOON**

**"COPOLYMERS, BLENDS AND ALLOYS"**

**Co-Chairmen**

Dr. J. Brandrup Dr. R. Brookman

**Plenary Lecture**

Prof. J. Manson-Behavior of Copolymers, Blends and Alloys

**Invited Lectures**

Dr. F. Ide-The Effect of Blending of Acrylic Polymers on the Physical Properties and Processing Behavior of PVC

Dr. W. J. Hornbrook-Properties and Performance of Blends of PVC with New, High-Impact Thermoplastic Resins

WEDNESDAY MORNING  
"RHEOLOGY, COMPOUNDING AND PROCESSING"

Co-Chairmen

Dr. G. Pezzin

Mr. D. A. Cocco

Plenary Lecture

Dr. C. Sieglauff—Rheology and Processing of Rigid PVC  
Invited Lectures

Dr. J. Chaffaureaux—Rheological Functions and Processing  
by Extrusion and Stretching of PVC  
Bilaxial Oriented Sheets

Prof. J. Lyngoe-Jorgensen—Relations between Melt Flow  
Properties and Structure of Poly-Vinyl  
Chloride Compounds

WEDNESDAY AFTERNOON

See Social Program

THURSDAY MORNING

"DEGRADATION AND STABILIZATION"

Co-Chairmen

Dr. T. Suzuki

Dr. W.H. Starnes

Plenary Lecture

Dr. D. Broun—Recent Developments in Degradation and  
Stabilization of PVC

Invited Lectures

Dr. A. Michel—Recent Advances in PVC Stability with Metal  
and Organic Derivatives

Dr. L. J. Eckert—Structure-Performance Relationships in  
Organotin Mercaptide Stabilizers

THURSDAY AFTERNOON

CONTRIBUTED PAPERS

Parallel sessions of contributed papers will be arranged  
in the seven topic areas. Overlap of related topic areas will  
be avoided to the extent possible.

THURSDAY EVENING

SYMPOSIUM BANQUET

Banquet Speaker: J. L. Fordham

Vice-President, Technology

Diamond Shamrock Corporation

"Giving New Ideas a Chance"

FRIDAY MORNING

"ENVIRONMENT, FLAMMABILITY AND RECYCLING"

Co-Chairmen

Mr. P. E. Roggi

Dr. D. F. Lawson

Plenary Lecture

Mr. J. J. Heckman—Regulatory Status of Poly Vinyl Chloride  
Invited Lectures

Dr. P. Wantanabe—Risk Assessment of Exposure to Vinyl  
Chloride

Prof. E. Boettner—Thermodecomposition of PVC: An Overview

FRIDAY AFTERNOON

CONTRIBUTED PAPERS

Parallel sessions of contributed papers will be arranged  
in the seven topic areas. Overlap of related topic areas will  
be avoided to the extent possible.

CONTRIBUTED PAPERS

A summary of your prepared communication, including  
tables, figures and references, not exceeding four pages,  
must be submitted to arrive prior to March 1st, 1980.  
Notification of acceptance and date of presentation will  
be given by April 15th.

The summary should be prepared carefully, since after  
acceptance it will be reproduced photographically for  
inclusion in the preprints. All typing should be single space  
and must be included within the margins shown on the last  
page of this circular. Margin borders can be drawn in blue if  
desired. Figures must be black line drawings or glossy  
photographs. Tables and figures should be inserted in the  
text or arranged at the end of the summary, but must be  
included within the 4-page limit. Place title, author,  
affiliation and address at the top of page 1, as shown on  
the sample of the last page. For multiple authors underline  
the author making the presentation.

PUBLICATION

The main lectures will be published in Pure and Applied  
Chemistry, the IUPAC Journal.

Contributed papers, following review and acceptance will  
be published in special issues of Journal of Macromolecular  
Science.

Manuscripts for the contributed papers must be  
submitted no later than August 15th, 1980.

Discussion remarks will not be recorded. Discussants may,  
however, submit written versions of their remarks which will  
be included, with the author's answers, in the final  
publications. These remarks should be submitted no later  
than August 30th. Further details will be furnished at the  
symposium.

SYMPOSIUM LANGUAGE

The official language of the Symposium is English; main  
lectures, contributed papers and discussions will be held in  
English. Simultaneous translations will not be provided.

GENERAL INFORMATION

The Third International Symposium on Poly-Vinyl Chloride  
will take place at Case Western Reserve University on  
August 10-15th, 1980. This meeting, held under the auspices  
of the International Union of Pure and Applied Chemistry, is  
also the Third International Cleveland Symposium of  
Macromolecules and is being held in conjunction with the  
Case Institute of Technology Centennial Celebration.  
Financial support furnished by a number of organizations,  
as indicated elsewhere in the circular, is gratefully  
acknowledged.

REGISTRATION FEES

|                     |          |
|---------------------|----------|
| Active participants | \$100.00 |
| Family members      | 20.00    |

Registration Form I should be completed and returned no  
later than May 1st. There will be an additional \$10.00 charge  
for late registration for forms received after May 1st. Third  
circular, with full details, will be sent only to registrants. It  
should be noted that contributed papers must be  
submitted prior to March 1st. The registration fee for active

participants includes a copy of the preprints and tickets to the reception. Further information and Registration Form II regarding hotel accommodations, social events and spouses' program will appear in the third circular. Registration fees should be made payable to Third PVC Symposium, and addressed to: Dr. E. A. Collins, Corporate Research, Diamond Shamrock Corporation, P.O. Box 348, Painesville, Ohio 44077. A refund of 90% of the registration form will be made if notice of cancellation is received prior to July 15th, 1980.

#### LUNCHES

Lunches will be available for all symposium participants in one of the University dining facilities close to the area where the scientific sessions will be held. A ticket order form will accompany Registration Form II in the third circular to be sent to all registrants.

#### HOTEL ACCOMODATIONS

Accommodations will be available in Residence Halls of the University, within walking distance of the Symposium sessions. The suites are cluster-type accommodations, consisting of 6 single bedrooms, living room and bath. Rates will be approximately \$50.00 per week, per person, including breakfast. Families may reserve entire suite.

The University-owned Circle Inn, adjacent to the campus, is a full-service motel. It is within walking distance of the University, but a shuttle service will be provided to the Symposium. Continental breakfast is provided. The rates per day are \$20.00 single, \$24.00 double; \$4.00 for extra person.

Additional hotel accommodations are available in a number of areas of Cleveland. In particular, there is rapid transit service directly from downtown Cleveland (and the airport) to the University campus, permitting rapid daily travel (15 minutes) from downtown hotels to the meeting site. Rates range from \$26-60 single, and \$25-75.00 double/day.

Participants are requested to indicate their accommodation preference on the enclosed registration form. Deposits, if required, should be submitted following receipt of confirmation of the reservation.

#### SOCIAL EVENTS

The following events will be offered to registered participants:

Welcoming cocktail party—reception held at the Garden Center, Sunday, August 10th, 1980, 5-9 P.M.

A tour of Hale Farm, dinner at the renowned Blossom Music Center, the summer home of the Cleveland Orchestra and many visiting luminaries (informal dress); a musical event at Blossom in the evening.

Symposium banquet at the Crawford Auto Museum, Thursday, August 14th, 1980 at 8.00 P.M.

Tickets for the social events should be ordered on Registration Form II which will accompany the third circular. Tickets to social events may not be available later than two weeks prior to the symposium. Additional details available in third circular.

Hospitality hours will be held each evening at an appointed facility of the University. Liquor may be

purchased by the bottle; beer and wine will be available at the Union in the University cafeteria. There will be information available at the Symposium listing a variety of good restaurants and events of the day.

#### SPOUSES' PROGRAM

A number of interesting programs are being considered for the spouses and children. Typical programs are itemized on Registration Form I. Registrants are requested to indicate their preferences. Minimal fees will be charged which should be paid two weeks prior to the symposium, using Registration Form II that will accompany the third circular. Full details will appear in the third circular.

#### ORGANIZATIONS CONTRIBUTING FINANCIAL SUPPORT

Air Products and Chem.  
B. F. Goodrich Chemical Company  
Borden Chemical Company  
Conoco Chemicals  
Diamond Shamrock Corporation  
Great American Chemical Corporation  
Georgia-Pacific Corporation  
Hooker Chemical and Plastics Corporation  
Hankel America Corporation  
Monsanto Industrial Chemicals Co.  
Panvly Foundation  
Synthetic Products  
Stauffer Chemical  
Shintech Incorporated  
Tenneco Chemical  
Witco Chemical

Inquiries and other correspondence concerning the Symposium should be addressed to:

Dr. E. A. Collins  
Corporate Research  
Diamond Shamrock Corp.  
P.O. Box 348  
Painesville, Ohio 44077

Tel. No. 1-216-352-9311, Extension 329  
Telex 801-425-2265

#### REGISTRATION FORM I

Third International Symposium on Polyvinylchloride  
August 10-15, 1980  
Case Western Reserve University  
Cleveland, Ohio 44106

Name \_\_\_\_\_

Address \_\_\_\_\_

Telephone Number \_\_\_\_\_  
(Residence) \_\_\_\_\_ (Business) \_\_\_\_\_

PVC Registration Fee: \$100.00 Included with return of the form ☐

Family members: \$20.00 Spouse ☐ Children ☐

Will you contribute a paper? Yes ☐ No ☐

If yes, tentative title \_\_\_\_\_

Registration fee checks should be made payable to: "Third PVC Symposium". Checks and form should be mailed to:

Dr. E. A. Collins  
Corporate Research  
Diamond Shamrock Corporation  
P.O. Box 348  
Painesville, Ohio 44077 USA

#### ACCOMMODATIONS REQUEST

University Housing (Cluster-type)

Approximately \$50.00/week, per person.

Family Suite occupancy ☐ Number attending \_\_\_\_\_

University Circle Inn

Single \$20.00 ☐ Double \$24.00 ☐ Extra person \$4.00 ☐

Want information on additional hotels ☐

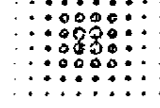
Will arrange my own accommodations ☐

Deposits, if required, should be submitted following receipt of confirmation of the reservation.

#### SOCIAL EVENTS

Symposium Banquet, August 14, 1980—Crawford Auto Museum, cash bar 7:00, dinner 8:00 P.M. Please indicate how many attending \_\_\_\_\_

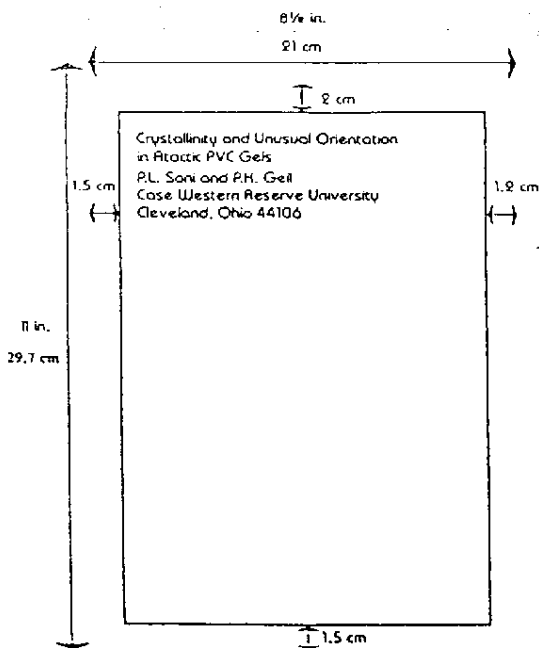
Case Centennial Celebration  
1880 ..... 1980



# SPouses' and Childrens' Program

This is a sampling of the variety of programs which can be arranged. Please check to indicate your interest in the following:

- |                                |                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| The Best Location Special      | An overview of the more interesting spots in Cleveland. <input type="checkbox"/>                                   |
| Cleveland... Ah Culture        | A tour emphasizing the cultural side of Cleveland. <input type="checkbox"/>                                        |
| Shaker Heights and the Shakers | A look at Cleveland's famous suburb. <input type="checkbox"/>                                                      |
| Antique and Junk Junket        | A look at Cleveland's popular antique area. <input type="checkbox"/>                                               |
| Trip to Amish Country          | A unique group of people on the outskirts of Cleveland. <input type="checkbox"/>                                   |
| Peoples and Cultures           | A bus tour of Cleveland's rich ethnic area; luncheon in an interesting ethnic restaurant. <input type="checkbox"/> |
| Good Times II Tour             | An interesting riverboat ride up the Cuyahoga; a city of many bridges and lots of color. <input type="checkbox"/>  |
| In Afternoon Baseball Game     | A chance to see the famous Cleveland Indians in action. <input type="checkbox"/>                                   |
| Four Individual Preference     |                                                                                                                    |



  
CASE WESTERN RESERVE UNIVERSITY  
CLEVELAND, OHIO 44106