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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
220 CANN AVENUE, NEW YORK 17, N. Y. MUHAMMUD 7-1278

MINUTES

REINFORCED PLASTICS DIVISION

POLICY COMMITTEE

Pittsburgh Elksa Hotel
Pittsburgh, Pa.

April 21, 1960
2:30 P.M.

Present:

A. W. Levenshagen, General Chairman, Molded Fiber Glass Tray Co., P. O. Box 128,
Lancaster, Pa.
E. Sletten, Jr., Eastern Chairman, Koppers & Hopkins, Inc., 155 E. Main St.,
New York 17, N. Y.
Clare E. Bacon, Executive Committee Chairman, Organ-Gumming Fiberglass Corp.,
717 Fifth Ave., New York, N. Y.
Robert Arkin, Fiberglass Products, Inc., 9 Elmer Ave., Midland Park, N. Y.
William O. Cole, Jr., Ferro Corp., Fiber Glass Div., 200 Woodhurst Ave.,
Mahwah, N.J.
Rory E. Cox, Allied Chemical Corp., 40 Baxter St., New York, N. Y.
William J. Zeman, Reinforced Plastics, Rubber Div., Borden Rubber Co., P. O. Box 111,
Fort Clinton, Ohio
Donald G. Ziegler, American Cyanamid Co., 30 Rockefeller Plaza, New York, N. Y.
Robert W. Pinchall, General Electric Co., Appliance Park, Louisville, Ky.
J. Everett Borchard, Dept. of the Army Transportation Res. & Engr. Command,
Ft. Belvoir, Mo.
O. J. Campbell, Pittsburgh Plate Glass Co., One Gateway Center, Pittsburgh 22, Pa.
James R. Grove, J. P. Stevens & Co., Inc., 16516 Ohio, Detroit 21, Mich.
A. R. Kempe, Monsanto Chemical Co., Organic Div., 800 N. 12th Blvd., St. Louis, Mo.
B. C. Larson, Pittsburgh Plate Glass Co., One Gateway Center, Pittsburgh 22, Pa.
R. K. Levy, Boro Research & Engineering Co., P. O. Box 8, Linden, N. J.
Don W. Lyon, Johns Heaville Sales Corp., 1610 Madison Ave., Toledo 1, Ohio
Fred T. Moore, Glass Reinforced Plastics Corp., 405 W. 30th St., Kansas, Colo.
Samuel A. Moore, International Corp., Plumbas Div., 174 Dunn Ave., Cincinnati, Ohio
R. H. Klotz, Food Machinery & Chemical Corp., Chemicals & Plastics Div.,
161 E. Main St., New York 17, N. Y.
Donald O. Patterson, Melchior Chemicals, Inc., 295 N. Broadway, White Plains, N. Y.
Barry Paddy, ASTRO, Plastics Research, Inc., 200 S. Michigan, Chicago, Ill.
T. J. Piliat, Standard Railway Equipment Mfg. Co., 200 S. Michigan, Chicago, Ill.
John F. Reeves, Alkermes Engineering, Inc., Green Village, N. J.
Ralph R. Raper, Freuden Chemical Corp., 21 E. Main St., Port Washington, N.Y.
James R. Rosales, Office of Civil Defense, Mobilization, Detroit, Mich.
D. V. Rosato, Raytheon Mfg. Co., Plastics Div., P. O. Box 25, Weymouth, Mass.
William F. Scott, Arma Powder Co., Winchester 99, Pa.
George A. Stein, Arma Powder, 161 E. Main St., New York 17, N. Y.
Port S. Taylor, Food Machinery & Chemical Corp., Chemicals & Plastics Div.,
161 E. Main St., New York 17, N. Y.
V. E. Thompson, American Chemical Co., 11 S. Washington, 1230 Ave. of the Americas,
New York 17, N. Y.

EXHIBIT

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EXECUTIVE CHAIRMAN'S REPORT

Mr. Levenhagen called upon Clara Z. Bacon of Omega-Corning Fiberglass Corp., and Chairman of the Executive Committee of the SPI Reinforced Plastics Division, asking that he report on recent activity of his Committee.

Mr. Bacon reported that the last meeting of the Executive Committee was held in New York City on March 11. At that time, the following subjects were discussed and which are to be brought to the attention of the Policy Committee at the day's meeting:

- 1) At the December, 1960 meeting of the Policy Committee, usually held in Chicago, the Executive Committee is going to make a concerted effort to urge all present members of the Policy Committee to bring a guest to the meeting (preferably a guest whose company is a member of SPI) and one who has never heretofore participated in the activities of the Policy Committee. This action is being taken by the Executive Committee in order to encourage more participation in the governing activities of the SPI Reinforced Plastics Division; and, it is hoped, to encourage participation of individuals, who, because of their primary interest in the reinforced plastics industry, should have a voice in setting the policies for the Division.
- 2) To discuss at this point (above), the Executive Committee at its next meeting (meeting to be held soon) a letter of invitation to be sent to all members of the Executive Committee to bring a guest to the meeting.

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X. E. Wadley, Wood Machinery & Contract Corp., Charlotte & Filadelfia Bldg.,
101 N. 10th St., New York 17, N.Y.
Dan F. Welch, Filadelfia Bldg. (Filadelfia Co.), 100 Broadway, Philadelphia 22, Pa.
Albert J. Winkler, Filadelfia Bldg. (Filadelfia Co.), 100 Broadway, Philadelphia 22, Pa.
Robert A. Winthrop, Filadelfia Bldg. (Filadelfia Co.), 100 Broadway, Philadelphia 22, Pa.
W. E. Winch, Bates & Paas Co., Filadelfia Bldg., 222 W. Washington Sq.,
Philadelphia 5, Pa.
George T. Wolcott, Jr., G. B. Lewis Co., 105 Maryland St., Baltimore, Md.
P. Robert Young, Wallace & Tichenor, Inc., 25 N. 10th St., 2nd Box 118, Baltimore, Md.
R. B. Zarnow, Milwaukee Mining & Manufacturing Co., 1210 University Ave.,
St. Paul, Minn.
Charles L. Condit, Secretary, FBI, 250 Park Ave., New York 17, N. Y.

A meeting of the Policy Committee, which directs the activities of the FBI Police
Force Division, convened at 9:30 a.m. in the Filadelfia Bldg. (Filadelfia Co.),
Philadelphia, Pa., under the direction of General William A. W. Llewellyn, holder
FBI's own title.

The welcoming remarks of the Policy Committee to Llewellyn, Mr. Llewellyn asked
that each title, telephone number and give the company affiliation.

MINUTES OF LAST MEETING

The last meeting of the Council was held on December 3, 1959, in Chicago, Ill.
Mr. Llewellyn asked if there were any corrections or additions to the minutes as
presented by the Secretary. In the absence of any comments, Mr. Llewellyn
stated that the minutes of the December 3 meeting would be approved as written.

Mr. Levenhagen said that each technical and standards committee may change its format of operation as it sees fit. As a general guide, each committee writes its own ticket of operation. Members of the committees and those who are interested are asked to contact the Secretary through any type of invitation he sent to leading companies not now represented on the committee.

Pipe

The Secretary introduced at the day's meeting Robert M. Levy of Kaco Research & Engineering Company, and newly appointed Chairman of Section 18 B ASTM D-20 (Joint SPI-ASTM) on Reinforced Plastic Pipe and Fittings. Mr. Levy reported that there has been difficulty over the past few years in agreeing upon a format of liaison between SPI and ASTM in order to expedite standards and test methods on reinforced plastic pipe and fittings. However, as a result of the last meeting of the Section held in Cincinnati, Ohio, on March 7, these difficulties have been resolved and the working program now undertaken by all involved in the Section's activities. Speaking on the tangible results which have been realized by the Section thus far, Mr. Levy said that there now is on the ASTM books designation D.1694-59T, entitled, "Tentative Specifications for Thermosetting Reinforced Plastic Pipe Thread System" based on the modified AB 60° stub thread system. It appears that the Section is near to completing a tentative method of test for "Short-Time Bursting Strength of Reinforced Thermosetting Pipe." Among other methods now being studied and upon to be sent out by the Secretary with a ballot form, include "Tentative Method of Test for Tensile Properties of Reinforced Thermosetting Plastic Pipe and Tubes" and "Time-to-Failure of Thermosetting Reinforced Plastic Pipe under Long-Term Hydrostatic Pressure." A task group has also been chosen by the Section to study the possibility of standardizing outside pipe diameters to IPS; that socket fitting diameters also be IPS. Reports on this matter will be made at the next meeting of the Section to be held in June in Chicago.

Mr. Levy is satisfied that the joint SPI-ASTM effort on reinforced plastic pipe is now showing excellent progress. A decision has been made to hold three full-day meetings a year of the Section; two of the full-day meetings at the time ASTM D-20 meets; the third at a separate time.

Asbestos

Dominick Rosato of Raytheon Manufacturing Company proposed in Pittsburgh that the Asbestos Committee be enlarged to include a study of other fibers such as synthetic fibers, glass, etc.; that if such a proposal meets the approval of the Policy Committee that the name of the Asbestos Committee then be changed to "Fiber Committee." A discussion of Mr. Rosato's suggestion followed. Some individuals felt that if the group is to change its name perhaps a better term of nomenclature would be "Reinforcement" rather than "Fiber." There were also comments to Mr. Rosato that he may want to look at this suggestion further in view of the fact that a study of so-called "fibers" is rather a broad proposal and may need further refinement. This prompted Mr. Levenhagen to recommend that the Policy Committee take under advisement the proposal by Mr. Rosato; that further, Mr. Rosato bring to the next meeting of the Policy Committee a detailed recommendation in order that the Policy Committee may ascertain whether the proposal complies with the best interests of the Division.

In the meantime, Mr. Rosato asked members of the Policy Committee to write him in any instances they may have regarding the suggestion that the Asbestos Committee change its scope of activities to include fibers and other matters.

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Mr. Levesque also asked Mr. Moore to submit as soon as possible the draft of the report which has been prepared on asbestos, in order that the Policy Committee may review this trouble.

Preform and Mat Die Molding

Arthur J. Wiltshire of Structural Fibers, Inc., and Chairman of the SPI Preform and Mat Die Molding Committee, reported that the last meeting of the Committee was held in Corning, N. Y., at which time, staff members of Owens-Corning Fiberglass were hosts; that the next meeting will be held in Charlotte, N. C., on Thursday and Friday, May 26 and 27, when Pittsburgh Plate Glass Company will be hosts. In addition to the usual business session, there will be a tour of the Shelby, N. C. Plant of Pittsburgh Plate Glass. At the meeting in Charlotte, N. C., Mr. Wiltshire continued, volunteers are to bring in summary reports and general considerations in certain technical areas of interest to preform and mat die molding industry. These summary reports include those on subjects of glass, surface finish, warpage, preform binders, preform and preform machines, the slurry preform operation, cutters, presses, materials handling, resins, toxicity, and, finally, mold design. Mr. Wiltshire is hopeful that these summary reports may either be worked into the Preprint book of the 16th Conference of the Division, or, if not, placed at some time or other in a separate book or booklet. Prior to the Charlotte, N. C. meeting, Mr. Wiltshire will compile indices for all articles of interest to the Committee as they appeared in Modern Plastics Magazine.

Resins

Samuel A. Moore of Interchemical Corporation, and Chairman of the Resins Committee, reminded members that two meetings ago, the Policy Committee accepted the "SPI Procedure for Running Exotherm Curves - Polyester Resins." The compilation of this method was the result of a cooperative effort between Interchemical Corporation and Molded Fiber Glass Tray Company.

For some time, Mr. Moore continued, it was felt that the SPI Division would not formulate test methods and standards on resins in view of the fact that ASTM has set out to do exactly the same thing. However, some months ago, work was initiated between Interchemical and Molded Fiber Glass Tray Company, in order to augment the work of ASTM and in order to expedite completion of a standard procedure for measuring exotherm.

Since the acceptance of the SPI procedure for running exotherm curves there have been several suggestions made for changing the document. Therefore, at the day's meeting, Mr. Moore circulated a new draft of the exotherm method, which incorporates several additions and deletes certain phrases in order to clarify the procedure. Mr. Moore, in reviewing the new draft of the method reminded members of the Policy Committee that this procedure permits a company to vary from the standard, but in reporting, all variances must be stated in detail. Mr. Moore said that he realizes that it is important to some companies to vary the procedure in view of the differences in resin systems; but that the method does encourage standardization if these variances are spelled out and reported.

Mr. Moore then read the detailed suggestions for changing the exotherm method. During his discussion, he recommended that this latest draft of the method be accepted by the Policy Committee, that the Secretary make a formal announcement and publish it in the Division Bulletin, etc.

Arthur J. Wiltshire, Chairman of the Preform and Mat Dis Holding Committee, will take the scale with him to the next meeting of his group in Charlotte, N. C., where a detailed study will be given to the proposal. This, too, will assist Mr. Levenbagen in formulating a communication to the Bureau of Ships.

NEXT MEETING

The next meeting of the Policy Committee will be held at the Greenbrier, White Sulphur Springs, W. Va., on Thursday and Friday, September 1 and 2, 1960.

CONTINUING COMMENTS BY MR. LEVENBAGEN

Since this was to be Mr. Levenbagen's last meeting as General Chairman of the Reinforced Plastic Division, he expressed pleasure to the Policy Committee for being its representative for two years, and serving on the SPI Board of Directors. He expressed gratification for the experience he had had in connection with his tenure of office. He reminded the Committee that Samuel A. Moore of Interchemical Corporation, will become General Chairman of the Division on June 1, 1960. He expressed complete confidence in Mr. Moore's ability and the continued fulfillment of the many projects which the Division continues to take on.

The meeting of the Policy Committee adjourned at 1:30 p.m.

Respectfully submitted,

Charles L. Condit, Secretary

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