

Manufacturing Chemists' Association, Inc.

(FOUNDED 1872)

1825 Connecticut Avenue, N. W.
WASHINGTON 9, D. C.

MINUTES OF MEETING

PLASTICS COMMITTEE

The Greenbrier
White Sulphur Springs, W. Va.
June 6, 1963

PRESENT:

Messrs. W. H. Salzenberg (Chairman), E. I. du Pont de Nemours & Co.
T. T. Miller (Vice Chairman), W. R. Grace & Co.
J. T. Castles, General Electric Company
John R. Eck, Monsanto Chemical Company
D. S. Frederick, Rohm & Haas Company
W. C. Goggin, Dow Chemical Company
W. B. Humes, Union Carbide Plastics Company
Donald M. Joseph, CIBA Products Company
H. W. Mason, Jr., Reichhold Chemicals, Inc.
D. C. Williams, Eastman Chemical Products, Inc.
Emery N. Cleaves, Celanese Corp. of America
William Demarest, MCA
F. H. Carman, MCA

Budget Increase for Building Program

A summarization of replies to letter of May 16, 1963 addressed to Executive Representatives was reported by the Secretary. Members had been asked to indicate willingness to go along with the increase in assessments for the program on standards and certification of building components, and included the budget for the forthcoming year together with the individual assessment. Thirty-three companies had expressed willingness to accept the increase and three additional were willing to go along with the majority; these members accounted for slightly over \$80,000 required in the total assessment of \$110,000. Three members had indicated a delay in their decision, six were unwilling to accept the increased assessment, and eleven members had not replied; assuming that these three latter categories would go along with the past year's assessment, it was apparent that well over 75% of the funding was in prospect.

How such a program should be undertaken, and whether a special ad hoc committee should be appointed or the activities directed by the Plastics Committee was then considered. Motion was then made that Mr. T. J. Kinsella be considered as a prospective consultant to develop a program through advice and direction of a subcommittee of the Plastics Committee; and that steps be taken to have him undertake this and devote at least 50% of his time for this work. This was voted unanimously.

CMA 078557

Following discussion, it was agreed that contact with Mr. Kinsella should be left to Messrs. Goggin and Salzenberg, chairman and former chairman, respectively, and that remuneration be left in the hands of these, together with the Secretary.

Ad Hoc Advisory Subcommittee

The Committee agreed that this ad hoc group should be re-constituted to work with the consultant on behalf of the Plastics Committee and move as rapidly as possible to carry forward the recommendations of the study report. At this point, W. B. Humes was asked to act as chairman of this group and to select members he desired to serve with him. This was approved by the Plastics Committee with the understanding that the subcommittee is:

1. Authorized to go ahead with the standards and certification program within the budget and to keep the Plastics Committee posted.
2. Authorized to take whatever other steps may be necessary to implement the program, if Mr. Kinsella is not interested or available to take this assignment.

Committee Chairman and Vice Chairman

The Secretary reported that a majority of the members had unanimously approved five new members of the Plastics Committee and, at this point, Chairman Walter Salzenberg welcomed Messrs. W. C. Goggin and W. B. Humes to the membership, and stated that Messrs. R. E. Workman, L. J. Francisco and H. H. Irvin had regretted that they could not be present. He also thanked Messrs. H. W. Mason, Jr. and John R. Eck for their faithful service and invited them to participate in the activities whenever appropriate.

The Committee was informed that Vice Chairman T. T. Miller had been elected President of the SPI and had declined to accept nomination for chairman of the Plastics Committee although he expressed a willingness to continue as a member. Nominations for new chairman and vice chairman, namely, W. C. Goggin and W. B. Humes, respectively, had already been reported, and the Chairman then asked if there were further nominations. There being none, the Committee unanimously elected W. C. Goggin as Chairman and W. B. Humes as Vice Chairman.

Smoke and Toxicity Projects at UL

CMA 078558

Mr. Demarest called attention of the Committee to the unavoidable organizational complexity regarding the inter-related matters of the San Francisco building code and the UL "smoke" study. For example: (1) SPI representatives, under the direction of the Chairman of the SPI Code Advisory Committee, deal directly with the San Francisco authorities; (2) the technical material that they

rely upon comes, through the SPI and MCA national offices, from the UL, as it is engaged in the "smoke" and "toxicity" projects for the MCA. There is concern on the part of some as to whether industry co-ordination under this arrangement may be poor; he, however, had carefully considered this possibility and was definitely of the opinion that it is good. Mr. Demarest will continue to watch the matter closely and urged the members of the Committee to be alert for any signs of poor communications. He mentioned that the San Francisco building official suspects that the MCA is insisting that UL withhold "smoke" data at this time. The fact of the matter is, however, that UL representatives themselves have expressed the opinion that it would be unwise to make public at this time the presently incomplete and undigested data emerging from the project.

In discussion, comment was made that SPI representatives had indicated the possible need for using another laboratory for smoke investigations; also, the comments of the attorney on the West Coast handling some aspects of the San Francisco negotiations for the SPI that it would be helpful for the plastics industry to work up model-code requirements for plastics' smoke and toxicity. At this point, Messrs. Carman and Demarest emphasized this could lead to serious trouble and single out plastics among all other building materials as the only material requiring such stringent regulation and it would be extremely unfair to plastics products.

In this connection, Mr. Demarest reported that the Southwest Research Institute is completing a study for the U. S. Public Health Service on "Hazards of Combustion Products in Building Fires", and that he was fortunate in being one of very few, other than SWRI and USPHS representatives, to participate in the guidance of this project. Based upon review of an early draft of the report on the project, he was of the opinion that it will support in most ways the plastics industry's position regarding smoke and toxicity hazards. The thought was expressed that publication of this report may provide the additional substantiation sought by some SPI representatives to back up the findings of the UL "toxicity" and "smoke" studies.

In summing up, Mr. Demarest pointed out that the plastics industry, now having conducted work on toxicity and smoke obscuration at the UL with considerable support from the SWRI, would be in a position to take the offensive in code problems of this nature in the future rather than being merely on the defensive.

Mr. Demarest went on to summarize the thinking of the Plastics in Building Committee with regard to the industry's "toxicity" problem in building codes and the related UL study of the subject. The problem had arisen from a provision in the 1956 SPI "Model Chapter on Plastics" to the effect that an approved "plastics material" must be one "the products of combustion of which are no more toxic in point of concentration than those of wood or paper burned under similar conditions." This had been adopted almost verbatim in a number of codes, thereby giving rise to the question

of how such toxicity can be measured by standard tests.

The UL "toxicity" report soon to be published and distributed to fire-protection authorities as a UL "Bulletin of Research" should prove most helpful in establishing that plastics do not seem -- according to the test results surveyed -- to introduce any more toxicity hazards than do traditional combustibles in building. But it leaves unanswered the expected demand by code authorities for a uniform method of testing the relative toxicity of combustion products. This had been mentioned as a subsequent phase, not included under the present UL contract, and the Plastics in Building Committee wished to transmit to this Committee its expectation that the industry thus is only "buying time" and may discover before long that it must assume the responsibility for development of a suitable test.

Uniform Identification of Plastics

A memo had been circulated with the agenda covering recommendations of the Plastics in Building Committee re uniform identification of plastics in building products. It was pointed out that this was also approved by the SPI Code Advisory Committee and the SPI Board of Directors. Upon motion duly seconded, it was unanimously voted to endorse the method of identification as set forth in the subcommittee report and to endorse the plan of action outlined in reference memorandum for implementation of the method. The Committee asked that a copy of the full report on this subject be sent to all members; this is attached.

Oyster Harbors Conference Program

CMA 078560

H. W. Mason, Jr., Chairman of Arrangements Committee, advised that the committee had already held one meeting and was considering several prospective subjects and speakers. He reported that Mr. Ira Ellis, Economist, of du Pont had graciously accepted the assignment to cover the business forecast as in past years. Mr. Ellis indicated that he would be glad to hear from the members about matters of concern that he could incorporate into his presentation. On this, it was suggested that Mr. Ellis be asked to draw up a letter asking for comments on specific problems.

For a second subject and speaker, the committee had already investigated the possibility of a presentation by a representative of Tishman Research, Inc. on plastics in building but had since received word they were not yet ready. Other choices would be a speaker on the world situation, particularly the Far East including the Communist world, and a discussion on new markets such as the automobile industry.

Members were of the opinion the first choice for an additional subject should be a speaker from the automotive industry and that the committee consider possible use of a panel. On the latter, doubts were raised whether this would be appropriate because of competitive implications.

SPE Handbook

Chairman Goggin read a proposed endorsement page to be incorporated in the SPE book "Engineering Design for Plastics" edited by Eric Baer and on which an agreement had been made in the previous year for MCA purchase and distribution of a limited number of copies to qualified users. Dr. Goggin thanked members for several constructive criticisms which will be incorporated in the statement.

Technical Subcommittee Chairman

The Committee agreed with the suggestion that Messrs. Goggin and Carman endeavor to select a Subcommittee member as a new chairman to replace W. C. Goggin, who had served for three years.

Next Meeting

The next meeting of the Plastics Committee was set for July 23 as a tentative date at which time a progress report could be made on the standards and certification program. (Room A, Chemists' Club, New York City)

The meeting adjourned at 9:30 A.M.

Respectfully submitted,

F H Carman
F. H. Carman
Committee Secretary

FHC:amm
Attachments

cc: Mr. Lloyd Symington

June 14, 1963

Addendum to Plastics Committee Minutes

Plastics Group Dinner
June 6, 1963 - The Greenbrier

This was attended by 144 representatives as listed in the appendix.

The representatives were advised of the new chairman and vice chairman and other new members of the Plastics Committee. Chairman W. C. Goggin expressed the appreciation of the Committee and the Association to Messrs. Harold Dinges, John Eck, Tom Kinsella, Gus Marusi and Herb Mason who had served their term on the Committee.

The Arrangements Committee for the Oyster Harbors program was mentioned to the group and that the program would include a business session all Thursday morning at which time a report on the standards and certification project would be made.

The results of the letter ballot re willingness to accept the increase in dues was reported by the Secretary, and the membership of the Ad Hoc Advisory Committee on building was then listed as follows:

W. B. Humes (Chairman), Union Carbide Plastics Co.
T. B. Nantz, B. F. Goodrich Chemical Co.
W. H. Salzenberg, E. I. du Pont de Nemours & Co.
T. T. Miller, W. R. Grace & Co.
H. W. Mason, Jr., Reichhold Chemicals, Inc.

In the building field, the membership was also advised that the Plastics Committee had endorsed a plan for uniform identification of plastics and elastomers used in building products. This will be reported in detail to the MCA and the SPI.

During this dinner meeting, the election of new SPI Board members was recognized, namely, W. C. Goggin, D. S. Frederick, T. B. Nantz, and George Ingle with T. T. Miller having been elected SPI President. The meeting was concluded with words of greeting and comments by the newly elected MCA President, General George H. Decker.

Prepared by F. H. Carman
June 14, 1963

CMA 078562

Manufacturing Chemists' Association, Inc.

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1825 Connecticut Avenue, N. W.
WASHINGTON 9, D. C.

ATTENDANCE LIST PLASTICS GROUP DINNER The Greenbrier, June 6, 1963

ALLIED CHEMICAL CORPORATION

B. D. Buckles
F. M. Norton

AMERICAN CYANAMID COMPANY

W. D. Holland

AMOCO CHEMICALS CORPORATION

H. H. Cudd
W. E. Kennel
George Rieger

ATLAS CHEMICAL INDUSTRIES, INC.

J. J. Coleman
C. D. McGrath
E. J. Massaglia

AVISUN CORPORATION

Richard Fleming
W. Paul Moeller
E. E. Wrege

B. T. BAKER CHEMICAL COMPANY

F. W. Hammesfahr

THE BORDEN CHEMICAL COMPANY

R. J. Lodge
H. C. Wechsler

CALIFORNIA CHEMICAL COMPANY

W. E. Elwell
T. G. Hughes
H. B. Pollock
T. M. Welton

GALLERY CHEMICAL COMPANY

G. F. Huff

THE CARWIN COMPANY

Richard Kithil

CARY CHEMICALS INC.

G. F. Blasius
R. H. Marks

CELANESE CORPORATION OF AMERICA

Emery Cleaves
W. P. Orr
David Taylor
J. H. Worth

CIBA PRODUCTS COMPANY

M. M. Gruber
D. M. Joseph
R. L. O'Connor

CONTINENTAL OIL COMPANY

N. P. Phillips

COSDEN PETROLEUM CORPORATION

F. E. Eck
P. D. Meek

DIAMOND ALKALI COMPANY

R. G. Richards

THE DOW CHEMICAL COMPANY

C. B. Branch
A. A. Butterworth
H. H. Dow
W. C. Goggin
G. J. Williams

E. I. du PONT de NEMOURS & CO., INC.

B. H. Barnes
C. D. Bell
H. S. Lecky
W. H. Salzenberg
J. D. Shaw
W. O. Simon

EASTMAN KODAK COMPANY

A. K. Chapman
L. K. Eilers
H. L. Ford
D. C. Hull
J. C. White
D. C. Williams

ENJAY CHEMICAL COMPANY

K. J. Nelson

EACAMBIA CHEMICAL CORPORATION

J. B. Clopton
R. U. Haslanger

ETHYL CORPORATION

C. M. Neher

FMC CORPORATION

A. T. Loeffler
R. H. Malott

FIRESTONE PLASTICS COMPANY

J. G. Davoud

FISHER SCIENTIFIC COMPANY

John Loupos

GENERAL ELECTRIC COMPANY

J. T. Castles

B. F. GOODRICH CHEMICAL COMPANY

G. A. Fowles
R. P. Kenney
T. B. Nantz
J. L. Nelson
E. B. Osborne
R. D. Scott
Anton Vittone

GOODRICH-GULF CHEMICALS, INC.

L. O. Crockett
Kendall Greene
D. L. Matthews
J. E. Miller

GOODYEAR TIRE & RUBBER COMPANY

C. O. McNeer
H. R. Thies

W. R. GRACE & CO.

T. T. Miller
E. E. Winne

HERCULES POWDER COMPANY

W. C. Brown
E. F. Hinner

HOOKER CHEMICAL CORPORATION

W. F. Christopher
H. B. Puff
J. C. Searer

S. C. JOHNSON & SON, INC.

W. H. Keland
F. K. Thayer

KOPPERS COMPANY, INC.

R. R. Holmes
J. B. Schmitt

M&T CHEMICALS INC.

C. R. Gloskey
H. E. Hirschland

MOBAY CHEMICAL COMPANY

H. I. Armstrong
J. D. Mahoney

MOBIL CHEMICAL COMPANY

R. M. Samuels

MONSANTO CHEMICAL COMPANY

J. R. Eck
R. C. Evans
E. L. Hobson
C. L. Jones
R. K. Mueller
L. W. Sessions

NATIONAL STARCH & CHEMICAL CORP.

S. F. Thune

NIXON-BALDWIN CHEMICALS INC.

Zenas Crocker

PETRO-TEX CHEMICAL CORPORATION

J. J. King

PHILLIPS CHEMICAL COMPANY

R. G. Askew
A. J. Head
George Wash

PITTSBURGH CHEMICAL COMPANY

Henry Avery
W. K. Menke

PITTSBURGH PLATE GLASS COMPANY

J. A. Neubauer

PRODUCTOL COMPANY

C. D. Thurmond

RAYONIER INCORPORATED

M. A. Brown

REICHOLD CHEMICALS, INC.

S. H. Baum
C. B. Breedlove
M. P. Kerins
H. W. Mason
P. J. Ryan
E. A. Terray
R. T. Urich

ROHM & HAAS COMPANY

C. E. Denoon, Jr.
D. S. Frederick
J. C. Haas
R. J. Whitesell

RUBBER CORPORATION OF AMERICA

R. J. Abramowitz
W. A. Merton

RAWINIGAN RESINS CORPORATION

W. H. Bromley

RP.

SELL CHEMICAL COMPANY

A. C. Lowrey

FENCER CHEMICAL COMPANY

R. J. Bailey
C. C. Denton
E. V. Friedrich

N

UNION CARBIDE PLASTICS COMPANY

J. A. Bruton
R. M. Joslin
W. B. Humes
G. L. Pitzer
J. L. Rodgers

U. S. INDUSTRIAL CHEMICALS CO.

R. E. Hulse
A. R. Ludlow, Jr.
W. P. Marsh, Jr.

UNITED STATES RUBBER COMPANY

E. J. Geise
J. P. Monahan

WALLACE & TIERNAN, INC.

P. S. Ainsworth
A. I. Andrews
R. T. Browning
C. H. Rybolt
R. A. Schwab
N. E. Sylvander

Theodore Marvin

MANUFACTURING CHEMISTS' ASSOCIATION, INC.

Gen. G. H. Decker
F. H. Carman

CMA 078565