

Manufacturing Chemists' Association, Inc.

(FOUNDED 1872)

1825 CONNECTICUT AVENUE, N. W.
WASHINGTON, D. C. 20009

Minutes of Meeting
Plastics Committee
The New York Hilton
New York, New York
November 25, 1968

PRESENT:

Glenn L. Pitzer, Union Carbide Corporation
R. F. Seubert (for C. E. Brown), Sinclair-Koppers Company
C. E. Denoon, Jr., Rohm and Haas Company
D. M. Gallagher, Canadian Industries Limited
W. D. Holland, American Cyanamid Company
G. A. Fowles (for T. B. Nantz), B. F. Goodrich Chemical Company
C. M. Neher, Ethyl Corporation
F. R. Reese, Monsanto Company
R. G. Richards, Celanese Corporation
W. C. Roher, Gulf Oil Company-U.S.
R. E. Heckert (Alternate for R. L. Schuyler),
E. I. du Pont de Nemours & Company
C. R. Scott, Phillips Petroleum Company
M. H. P. Morand (for G. J. Williams), Dow Chemical Company
H. D. Allick (for R. E. Workman), Goodyear Tire & Rubber Company
T. R. Miller, Union Carbide Corporation
G. E. Best, Manufacturing Chemists Association
H. E. Robbins, Manufacturing Chemists Association
M. E. Woodruff, Manufacturing Chemists Association
F. H. Carman, Staff Secretary for Committee, M.C.A.

In the absence of Messrs. Nantz and Schuyler, Chairman and Vice Chairman, respectively, Past Chairman Pitzer acted as temporary Chairman for this meeting and was asked to also preside at the Plastics Group Semi-Annual Dinner that evening.

The Chairman announced that F. H. Carman would retire as Technical Director on December 1, 1968 but would continue as a part-time Consultant on Plastics matters devoting up to an average of four days per month. He then called on George E. Best, the new Technical Director, who in turn introduced Harry E. Robbins, staff representative for Water Resources. Mr. Best explained that Mr. Robbins had some background in the plastics field, and it was planned to take advantage of this to the extent practical along with the aforesaid service of Mr. Carman, who will continue to act as Secretary of the Plastics Committee.

PLASTICS FINANCIAL PACKAGE

A report on Estimated Expenses for the Fiscal Year 1968-1969 based on five months operations was distributed (see Exhibit A attached).

The Secretary reported that a letter had been received from Henry Gunst, Chairman of the U.S.A. Committee for the 1968 Annual Meeting of ISO/TC61-Plastics, advising that the deficit resulting from the Philadelphia Meeting held October 5-12, 1968 is \$453.17. In keeping with the decision of the Plastics Committee on September 4, an additional contribution in this amount was approved.

WEATHERABILITY RESEARCH PROJECT

Because W. F. Bartoe, Chairman of the Steering Committee for the MCA-NBS Research Project on Weatherability of Plastic Materials was not able to attend, he submitted a statement attached as Exhibit B. The discussion opened with the reading of this report by the chairman and a review of the expenditures on this Project by the secretary (see Exhibit C attached).

Following the Plastics Committee meeting of September 4, 1968, the Steering Committee Chairman in consultation with a number of technical representatives proposed revised objectives for this program which in turn were presented to the full Steering Committee on October 11, 1968. This resulted in the recommendations contained in Mr. Bartoe's report.

There was an extended discussion regarding future financing and on motion, duly seconded, it was voted that

It is the sense of the Committee that the Weatherability Project be continued for a fifth year, that the research projects at Massachusetts Institute of Technology and Case Western Reserve University be reviewed in the Spring meeting, and that consideration be given to possible alternative projects which might be appropriately supported by the Plastics Group.

Also, the Committee stressed the need for a complete analysis and review of the various research projects, possibly by a sub-committee, to enable adequate evaluation for future funding. Waste disposal matters were suggested for consideration.

PVC EPIDEMIOLOGIC STUDY

This program at Michigan Institute of Industrial Health was undertaken in behalf of 19 member and 2 non-member companies. It is being directed by a Task Group of MCA's Occupational Health Committee.

Since the report of September 10, 1968, the Institute has advised all participating companies of suspected cases of Raynaud's phenomenon. There is strong suspicion that the poly-cleaning operation might be contributing to cases found in five companies.

A draft of the final report for review by the Task Group is expected in December, and it may be appropriate then for this study to be reported in an open meeting of the Occupational Health Committee. Manufacturers of PVC resin, and representatives of the University of Michigan. Additional presentations will be made to the American Medical Association and the American Industrial Hygiene Association.

PVC - COMBUSTION PRODUCTS

Supplementing report of September 4, 1968, the Secretary advised that this USPH study is well underway, all samples have been supplied as agreed, and it is expected the industry representatives will meet with USPH in Cincinnati during February, 1969 to consider the significance of their findings.

In a related study, the corrosion problem resulting from PVC fires has become of considerable concern in the United States and Europe. The USPH study might be useful to the industry representative planning to attend an April 1969 meeting in Sweden on this matter.

SPI EPOXY RESIN STANDARD

On request of MCA's Labels and Precautionary Information Committee, Norman G. White of Shell Chemical Company has been designated to represent MCA and the American Industrial Hygiene Association on this SPI-sponsored committee in the United States of America Standards Institute.

PLASTICS GROUP CONFERENCE - SEPTEMBER

The Committee approved a definite confirmation for the Group Conference at the Seaview Country Club on September 3 and 4, 1969.

On the suggestion that it might be more appropriate to hold this later in the month in the future, it was agreed inquiry should be made as to availability of the Seaview facilities for the second week in September 1969 and/or 1970.

COMMITTEE MEMBERS

Mr. Pitzer advised he would be retiring from Union Carbide Corporation and therefore from this Committee on January 1, 1969; he also reported that Mr. G. J. Williams of Dow Chemical Company had undertaken a new assignment not directly concerned with plastics.

On motion, duly seconded, the Committee nominated Mr. T. R. Miller of Union Carbide Corporation and Mr. M. H. P. Morand of Dow Chemical Company to fill the unexpired terms of Glenn L. Pitzer and G. J. Williams, respectively.

MISCELLANEOUS

For the record, the Committee was advised that all Executive Representatives to the Plastics Group had been supplied a copy of the WCA commentary on the FWPCA report "Cost of Clean Water", Profile No. 10 on Plastics Materials and Resins. This report had been called to members' attention during March 1968.

Supplementing the report of September 4, 1968 on the Tariff Commission monthly report on Production and Sales of Plastics and Resin Materials, the Secretary advised that the Chemical Committee of the Advisory Committee on Federal Reports is planning to study the need for end-use data. Company members on this Chemical Committee were listed.

Respectfully submitted,

F. H. Carman

F. H. Carman, Secretary
Plastics Committee

FHC:sjg

December 4, 1968

Attachments

REPORT ON MCA-NBS
WEATHERABILITY RESEARCH PROJECT

your Project is now well into its fourth year. At the October 1st meeting of the Steering Committee a consensus was reached that the Project is making progress and is in better order than ever before from the standpoint of management, staffing and results. Dr. Clark is doing a good job of directing and we are getting more attention and service from the NBS staff.

The Committee and Dr. Clark agreed to putting current emphasis on:

- 1st. Further investigation of analytical methods for early detection of change due to exposure,
- 2nd. Completion of the examination of the correlation of accelerated exposure methods,
- 3rd. Continuing the outdoor exposure work with emphasis on analysis and reporting of results, and
- 4th. Consider conversion of the Brucksch controlled-atmosphere, controlled-temperature tester to a xenon lamp to obtain more radiation in the wavelength now believed to be most important in causing degradation.

It was the consensus of the Committee that the Project should be continued for at least another year after April 1969.

The Committee, and most particularly its Chairman, is very pleased that Mr. Carman will be available during 1969 to help guide the activities of the Project.

November 22, 1968

W. F. Bartoe, Chairman
Steering Committee for
Weatherability Research Project

Manufacturing Chemists Association

Weatherability Research Project

	<u>Budget</u> <u>1968-1969</u>	<u>Actual</u> <u>1967-1968</u>	<u>Actual</u> <u>1966-1967</u>	<u>Actual</u> <u>1965-1966</u>	<u>1964-1965</u> ^{1/}
Salaries	\$ 33,194	\$ 39,410	\$ 37,752	\$ 34,171	
Overhead Charges (NBS)	11,000	13,000	--	--	
Travel	2,000	1,618	1,352	2,523	
Taxes, Insurance	820	956	886	651	
Radiation Monitor & Misc.	1,000		2,025*	2,442*	
Xenon Arc Test Device	3,500				
Tensile-kut and Templates	900				
Building/Purchase of Equip.	3,500	3,103	19,455	7,113	
Misc. & Computer Services	1,500	604	--	623	
Total	\$ 57,414	\$ 58,691	\$ 61,470	\$ 47,523	\$ 6,300

* Consultant

^{1/} Started Weatherability
Research Project April 1965.

Prepared by
F. H. Carman
September 26, 1968

CMA 078857