



MANUFACTURING CHEMISTS ASSOCIATION

1825 CONNECTICUT AVENUE, N. W. • WASHINGTON, D. C. 20009 • (202) 483-6126

MINUTES OF MEETING

PLASTICS COMMITTEE

The Greenbrier

White Sulphur Springs, W. Virginia

June 12, 1969

PRESENT:

Messrs.

T. B. Nantz (Chairman), B. F. Goodrich Chemical Co.
R. L. Schuyler (Vice Chairman), E. I. du Pont de Nemours
& Company
C. E. Brown, Sinclair-Koppers Company
C. E. Denoon, Jr., Rohm and Haas Company
E. S. Ebers, Uniroyal, Inc.
C. H. Hantho, Canadian Industries Limited
W. D. Holland, American Cyanamid Company
T. R. Miller, Union Carbide Corporation
M. H. P. Morand, The Dow Chemical Company
E. W. Phares, II, Dart Industries, Inc.
F. E. Reese, Monsanto Company
R. G. Richards, Celanese Corporation
W. C. Roher, Gulf Oil Company-U.S.
C. R. Scott, Phillips Petroleum Company
W. E. Sholl, Jr., Hooker Chemical Corporation
R. E. Workman, Goodyear Tire & Rubber Company
Harry Zimmerman (For C. M. Neher), Ethyl Corporation
W. J. Driver, Assistant to the President, MCA
H. E. Robbins, MCA Technical Department
F. H. Carman, MCA Committee Secretary

TERMS OF REFERENCE

The Secretary reviewed procedures for selection of committee members and officers and stated that the "General Principles Applicable to the Structure and Operations of Committees" are in the MCA Directory, and the 1969 edition would be issued shortly. In addition, a digest of Special Terms of Reference for the plastics activities established in 1952 is attached.

CMA 040272

FINANCIAL PACKAGE

Estimated expenditures for the last fiscal year were included in the letter to all Executive Representatives on May 26. The end of the year surplus reported by the treasurer was \$11,827, slightly higher than that estimated earlier in May; however, commitments made last year but not yet paid account for the higher and final figure.

WEATHERABILITY PROJECT

The third statistician from member companies met with the NBS team late in May. In general, all three visiting statisticians agreed with the methods outlined by Dr. Clark and the NBS statisticians assisting in the program. Analysis of data is now in progress and should result in graphs which will depict the hours to failure for each type of plastic, along with the associated probabilities. A summer employee, recently graduated from Rensselaer, has been engaged to assist in the data analysis. His salary is covered in the budget item for Statistical Analysis.

PVC EPIDEMIOLOGIC STUDY

Representatives of the member companies sponsoring this work together with the Occupational Health Committee met in Washington on May 6 to review the findings as reported by the Michigan Institute of Health. A number of recommendations of the Occupational Health Committee on future investigations were discussed at length. The draft report has been supplied to all member companies and an errata sheet has just been issued completing this investigation.

The Occupational Health Committee had scheduled a meeting for June 16 to consider further studies the committee believes should be undertaken on this subject.

PROPOSED PROJECT ON FLAMMABILITY AND SOLID WASTE

The Ad Hoc Committee (Mr. Holland, Chairman), had recommended five research organizations be approached to determine the extent of interest and capability in a survey of and possible research on (1) flammability of plastic materials and products and (2) plastics waste disposal. Replies were received from Stanford Research Institute, Southwest Research Institute, Battelle Memorial Institute and Arthur D. Little, Inc.

The staff has evaluated these responses and believes that Southwest Research Institute offers the most significant service in

the flammability area and the next step will be to talk with these
spondes to obtain a clear understanding of the work to be done
together with time and expense involved.

The staff felt that the replies received on disposal of
astics were not adequate and recommended three additional organi-
ations be approached. It was agreed that letters would be sent to
ttman Associates, Inc., Columbia, Maryland; M. I. T., Cambridge,
ssachusetts; and Hydrosience, Inc., Leona, New Jersey.

In addition, it was requested that Stanford Research Institute
and Southwest Research Institute be contacted re a meeting with the
staff and the Ad Hoc Committee representatives at a convenient time
the Washington area; the latter part of July seems most appropriate
for these sessions.

The question was raised as to the practicality of the staff
undertaking a survey of research underway on flammability and on
disposal of plastic products. The discussion brought out the need
for this to be done on a global basis and preliminary to any actual
research sponsored by MCA.

Mr. Robbins reported that the Federal Water Pollution Control
Administration is in a position to fund up to 50% of the cost of
basic studies on solid waste disposal.

It was agreed that the Washington Office would meet with members
of the SPI to discuss the programs of each organization on
flammability and waste disposal.

NBS SYMPOSIUM ON THE MEASUREMENT OF FLAMMABILITY

The National Bureau of Standards sponsored a symposium on
June 5-6, 1969 to bring together prominent speakers from many
disciplines for a discussion of flammability in terms of its effect
on society, the measurable phenomena involved in flammability, how
well these phenomena are measured, and how the measurement techniques
are applied to characterize flammability for various materials.

Most of the discussion covered clothing and various items of
apparel. Some discussions covered drapery, bed clothes and mattresses.
Brief mention was made of vinyl fabrics and automobile interiors and
floor coverings.

This was a "state-of-the-art" type exposure, with emphasis on clothing. Very little new information or techniques were proposed. It appears that funding is available for research in flammability of materials.

Abstracts of the papers presented are available from the MCA office.

SEAVIEW MEETING

Program committee Chairman, C. E. Denoon, Jr. stated the arrangements committee was meeting the following morning and asked all present to give him suggestions for the business meeting programs. There was a limited discussion as to future meeting locations, and it was understood that the arrangements committee would give this further consideration and report back to the Plastic Committee.

Respectfully submitted,

F. H. Carman

F. H. Carman, Secretary
Plastics Committee

FHC/er
June 18, 1969

Attachment