

Manufacturing Chemists Association

Minutes of Meeting

Representatives of Sponsors of
Vinyl Chloride Monomer Research Proposal

MCA Conference Room

Washington, D. C.

April 20, 1972

PRESENT:

Air Products and Chemicals, Inc.	W. Mayo Smith
Allied Chemical Corporation	William A. Knapp
Borden Chemical Division	W. J. Boyne
of Borden, Inc.	H. L. Schmidt, Jr.
The Dow Chemical Company	T. R. Torkelson
Ethyl Corporation	W. E. Rinehart
Firestone Plastics Company,	W. W. Madden
Division of the Firestone	
Tire & Rubber Company	
B. F. Goodrich Chemical Company,	W. E. McCormick
A Division of The B. F. Good-	B. M. G. Zwicker
rich Company	
Monsanto Company	E. P. Wheeler
PPG Industries, Inc.	Z. G. Bell, Jr.
Stauffer Chemical Company	Ray Asti
	(for M. V. Anthony)
Tenneco Chemicals, Inc.	Arthur C. Siegel
	(for Marvin Rosen)
Union Carbide Corporation	R. N. Wheeler, Jr.
MCA Staff	G. E. Best
	K. D. Johnson

1. Status of Project Support - G. E. Best

Mr. Best distributed a summary of the present status of indicated support, indicating, where appropriate, those instances in which presently identified limitations on proffered support were not adequate to meet contemplated pro rata shares under the revised program.

URL 02494

Dr. Bell reported that PPG Industries was prepared to support fully the proposed program, and to accept a pro rata share based upon a revised total production capacity of 900 million pounds per year, rather than the 800 million figure cited in the referenced summary sheet.

It was noted that Shell Chemical Company was the only monomer producer that had declined to support the proposed program, and general disappointment was expressed at this development. In response to requests from those present that MCA request Shell to reconsider their decision, Mr. Best explained that MCA was not in a position to urge any such course of action upon Shell. A number of those present indicated that they would make personal representations to that end through unidentified Shell Chemical Company executives, and that the present Shell position need not be regarded as final.

Mr. Zwicker noted some reservations on the part of B. F. Goodrich in the event that Shell remained outside of the sponsors group.

2. Report from the Ad Hoc Planning Group for Vinyl Chloride Research

Minutes of the March 22nd meeting of the Planning Group were distributed to those present. Dr. Johnson reported that he had confirmed with Industrial Bio-Test that their estimate of \$150,000 for the revised program, as given orally to Dr. Torkelson, was firm, and that there would be no cost premium associated with increasing the daily exposure schedule from 5 to 6½ or 7 hours. They gave the cost increment for continuing the mouse exposures from 12 to 18 months as \$3,000 for the five test groups.

3. Liaison with European Research Program

Dr. Johnson reported that he had not yet been able to obtain, through Dr. Knoepfel of Solvay American, any identification of the lowest level at which presently on-going European research had presumptive evidence of positive results. Dr. Knoepfel had been able to secure an invitation for Dr. Dinman to visit Dr. Lefèvre of Solvay et Cie, in Brussels.

URL 02495

Those present authorized the commitment of up to \$2,500 in project contingency funds to support a more extensive tour by Dr. Dinman of European laboratories if such a tour could be arranged before the end of his sabbatical leave, and if such a tour gave promise of securing the desired information.

Mr. Best pointed out that MCA could not commit any such funds on behalf of the industry until Board approval of the project had been secured and funds were in hand for this purpose.

4. Approval of Test Protocol

The test protocol recommended by the Ad Hoc Planning Group, modified by extension of the mouse exposures to 18 months, was approved. The consensus was that, in the absence of evidence from European research persuasive to the project coordinating task group, the test exposure levels should be selected to cover the 10,000 to 1,000 ppm range (Set A) rather than the lower range of 5,000 to 500 ppm as identified in Set B.

5. Approval of Project Coordinators

With the substitution of W. E. Rinehart of Ethyl Corporation for Dr. G. Rousch, the composition of the project's technical coordinating task group, as listed in the Planning Group minutes for their March 22nd meeting, page 4, was approved by motion duly made, seconded and carried. These are:

Dr. Z. G. Bell, Jr.	PPG Industries, Inc.
Dr. Walter Harris	Uniroyal, Inc.
W. E. McCormick	B. F. Goodrich Chemical Co.
W. E. Rinehart	Ethyl Corporation
Dr. T. R. Torkelson	The Dow Chemical Company
R. N. Wheeler, Jr.	Union Carbide Corporation

6. Expansion of Acetylene-Derived Monomer Test Program

Companies with an interest in acetylene-derived monomer expressed their disappointment at the limited test program proposed for that material. They indicated their desire to consider providing supplementary funds to expand the tests to one or two additional exposure levels. The representatives of the other sponsors were willing to incorporate such an

URL 02496

extension of the program in their plans, and Dr. Johnson was asked to check with Industrial Bio-Test as to the costs associated with such expansion and to notify the Borden, Tenneco, and Uniroyal representatives when budget estimates become available.

7. Revised Pro Rata Share Calculation

Representatives of Dow, Ethyl, Goodrich, and PPG agreed to provide Mr. Best, without further initiative on his part, with letters of commitment for their full share costs of the revised test program. In the case of Goodrich, their commitment may be qualified on participation by the Shell Chemical Company. Mr. Best agreed to seek such a commitment from Standard Oil Company of New Jersey.

On the basis of these commitments, Mr. Best was asked to recalculate the pro rata shares for each sponsor and to notify them promptly of their indicated contribution.

In order that MCA may have funds in hand in advance of anticipated disbursements, it was agreed that the sponsors should be asked to have their contributions delivered to MCA on or before the indicated dates:

- 40% of total contribution, not later than July 1, 1972
- 40% of total contribution, not later than April 1, 1973
- 20% of total contribution, not later than April 1, 1974.

8. MCA Board Approval

The group expressed a strong interest in expediting the securing of MCA Board approval for Association administration of the project, hopefully at their May 9th meeting.

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9. Designated Sponsors' Representatives

A list of the names, addresses, and telephone numbers of the presently designated representatives of the sponsoring corporations is appended to these minutes.

Respectfully submitted,



Kenneth D. Johnson
Assistant Technical Director
Occupational Health

Minutes Subject to Approval
May 5, 1972
KDJ:mkb

URL 02498

APPENDIX

Designated Sponsors' Representatives
Vinyl Chloride Monomer Research Proposal

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URL 02499

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