



MANUFACTURING CHEMISTS ASSOCIATION

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

(202) 481-6126

Invoice

G 53884

PPG INDUSTRIES, INC.
Attn: Dr. Fred C. Dehn
One Gateway Center
Pittsburgh, Pennsylvania 15222

January 9, 1978

D U N S Identification Number 04 603 9152	TERMS Payable Upon Receipt in U.S. Dollars	Federal Identification Number 53 0104410
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VINYL CHLORIDE RESEARCH

Continuation of multi-component studies
at the University of Louisville, as
described in A. C. Clark's letter of
October 13, 1977

\$24,530.00

*ok. to Mr. Dehn
1/11/78*

RECEIVED

JAN 11 1978

Environmental Affairs

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MANUFACTURING CHEMISTS ASSOCIATION

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

ALBERT C. CLARK
VICE PRESIDENT
TECHNICAL DIRECTOR

Handwritten notes:
10/13/77
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...
...
October 13, 1977

RECEIVED

OCT 17 1977

Environmental Affairs

Dr. F. C. Dehn
Director, Environmental Affairs
PPG Industries, Inc.
One Gateway Center - 19N
Pittsburgh, Pennsylvania 15222

Subject: Vinyl Chloride Research Program - Continuation
of Multi-Component Studies at the University of
Louisville

Dear Dr. Dehn:

The Technical Panel on Vinyl Chloride Research recommends continuation of the multi-component research program on "Research Techniques and Methods of Detection and Prevention of Carcinogenesis in Industrial Workers" at the School of Medicine, University of Louisville. This research has as its objectives the design of methods for early detection, prevention, diagnosis and treatment of those individuals exposed to potentially toxic chemicals with the aim of preventing any serious injury, pre-cancerous lesions, or the development of cancer either on a short or long-term basis. The program is designed to identify, at the earliest possible time, potentially harmful chemicals and to lead to a reduction in their exposure based on objective chemical data.

Simultaneously, research is being conducted at the University of Louisville on the problem of vinyl chloride toxicity and disease developed in animal models. Studies of these types are of key importance in testing the potentially more effective methods of detection and/or treatment.

Among the important phases of this overall program is the evaluation of immunocompetence systems of individuals with both short and long-term exposure to vinyl chloride and other chemicals. This evaluation is designed to aid in identifying

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defective or reduced immune surveillance prior to the development of malignancy.

The cost of continuing this research through fiscal year 1977-1978 is as follows:

I. Clinical Immunology	\$ 50,046
II. Clinical Biochemistry - Enzymic Systems	36,300
III. Clinical Biochemistry - Biochemical Changes	17,700
IV. Clinical Pathology	7,735
V. Microbiology	27,560
VI. Chemistry	27,552
VII. Pathology	21,190
Indirect Costs	<u>59,765</u>
Subtotal	\$247,848
Supplemental Research Costs	24,785
Administrative	24,785
TOTAL	\$297,418

It is the view of Panel Members that if this overall program is to yield optimum results it is important that its continuity be preserved. Work under the 1976-1977 contract will terminate during the later part of this month or during the first two weeks of November. Members of the Technical Panel urge therefore that in the event that you wish this program to continue, that your commitment be returned by October 28, 1977.

Sincerely,

Accardi

cc: Dr. Z. G. Bell, Jr.

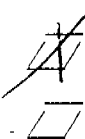
*12 Co's suggesting
we take 8.25% of total.
16 Co's actual*

Manufacturing Chemists Association

Proposed Continuation of the University of Louisville Research
Program on Research Techniques and Methods of Detection and
Prevention of Carcinogenesis in Industrial Workers

My company hereby commits a maximum of \$24,530 as its pro rata share for support of the subject program presented in A. C. Clark's letter of October 13, 1977. It is understood that my company's pro rata share is based on an estimate of 19 companies sponsoring this research program. Should the number of sponsors be greater, each pro rata share will be reduced proportionately. In making this commitment, it is understood that the Technical Panel has the authority to instruct MCA regarding expenditure of funds including the use of Supplemental Research Costs when modifying and/or extending planned protocols.

Our commitment is contingent on collective subscriptions being adequate to fully fund the \$297,418 program, and on Board of Directors' approval for MCA's continued administration of this program.



My company pledges support for this program.

While appreciating the opportunity presented, my company has decided not to participate in the program.

Name (signed) Fred C. Dehn

Name (typed) Dr. Fred C. Dehn

Title Director, Environmental Affairs

Company PPG Industries, Inc.

Address One Gateway Center, Pittsburgh, PA 15222

October 24, 1977 Date

Telephone: Area Code 412 Number 434 Ext. 2357

Please return one copy no later than October 28, 1977 to:

A. C. Clark
Manufacturing Chemists Association
1825 Connecticut Avenue, N.W.
Washington, D.C. 20009

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