

UNIROYAL, Inc.

Oxford E-G-1

(Location)

TO: B. R. Leach
Painesville Plant

FROM: W. D. Harris

DATE: December 29, 1972

SUBJECT: Vinyl Chloride

Enclosed is a copy of an article published by Dow researchers covering some epidemiological work done on vinyl chloride workers. While the article deals with a method for doing an epidemiological study in a situation such as this, it does give some valuable clues on long term effects. Above 300 ppm. Time Weighted Average (TWA) exposure there was some indication of a slight effect on liver function. While this study is good for only about 20 years exposure, it is comforting that no evidence of insidious long term effect was found. My thinking is that a more extensive epidemiological study will still be necessary but this paper gives reasonable hope that no very serious effect will be found.

Wdh
W. D. Harris

WDH:rg
Enclosure

URL 18297

INTERCOMPANY CORRESPONDENCE



UNIROYAL, Inc.
Oxford Management & Research Center
Middlebury, Connecticut 06749

203-573-2000

TO: G. A. Anderson
EMIC

FROM: W. D. Harris
Industrial Toxicologist

DATE: December 15, 1971

SUBJECT: Vinyl Chloride - MCA Meeting

At yours and Dr. McCleary's request, I attended the Ad Hoc Planning Committee under MCA auspices on December 14, 1971. Those present were:

Dr. Kenneth D. Johnson	-- MCA
R. N. Wheeler, Jr.	-- Union Carbide, Chairman
W. E. McCormick	-- Goodrich
Dr. Zeb G. Bell, Jr.	-- PPG
Dr. W. Mayo Smith	-- Stauffer
Dr. T. R. Torkelson	-- Dow
Norman White	-- Shell
Dr. Kenneth S. Lane	-- Carbide
Dr. M. N. Johnson	-- Monsanto

We had been concerned least acetylene based VC be run at only one level. After thorough discussion, it was agreed that inasmuch as Viola's work in Italy was on acetylene based VC, whereas about 90% of U. S. production is based on ethylene, we would have to run a parallel study on both sources with cost prorated over the whole industry.

The following recommendations will be made:

1. The risk of public exposure is so great that the industry must carry out a good animal study.
2. Parallel studies should be made on acetylene based and ethylene based VC.
3. An industry epidemiological study should be carried out.
4. Material will be bought on bid.

Dr. Johnson of MCA is to explore details of amount and shipment schedule with Industrial Bio-Test. It appears that about two tons of each type will be needed. Total cost would appear to be a little over \$100,000/year for a three-year period. If the industry members agree to funding on a pro-rata basis, a small steering committee will be set up to work out details with Industrial Bio-Test. Major European companies will be approached to see if they might like to take part to get the advantage of the data. It is recognized that their epidemiological study would have to be carried out separately.

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December 15, 1971
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An official report from MCA will be sent out with names of official MCA contact for each company.



W. D. Harris, Ph.D.
Industrial Toxicologist

WDH:ues

cc: C. D. McCleary - R. L. Knapp
D. E. Dudrow - J. D. Forbes, M.D.
Vinyl Chloride File

URL 18299