

MANUFACTURING CHEMISTS ASSOCIATION

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

April 1, 1974

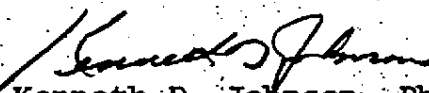
To: TECHNICAL TASK GROUP ON VINYL CHLORIDE RESEARCH

Subject: NIOSH Recommendations for Interim Sampling
Method for Vinyl Chloride

Gentlemen:

Distributed herewith are the subject recommendations developed by NIOSH and forwarded to OSHA on March 27, 1974.

Sincerely,


Kenneth D. Johnson, Ph.D.
Secretary
Technical Task Group on Vinyl
Chloride Research

KDJ:mb

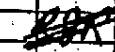
Attachment

cc : D. P. Duffield, M.D.
Mr. A. W. Barnes
Dr. Tiziano Garlanda

SHELL OIL COMPANY
MANAGER, INDUSTRIAL HYGIENE DEPT.

APR 08 1974

Rec'd

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RECOMMENDED INTERIM OSHA SAMPLING DATA SHEET

1. Substance:

Vinyl Chloride Gas

2. Scope of Method:

Vinyl-chloride is a gas boiling at -13.4 degree C and having a vapor pressure of 2660 mm of mercury at 25 degree C. The lower limit of detection for the method is approximately 1 ppm.

3. Sampling Equipment:

- a) Personal sampling pump
- b) 250 cc glass gas collecting tubes with teflon stopcocks

4. Sample Size:

250 cc

5. Sampling Procedure:Glass Gas Collecting Tubes

- a) The gas collecting tube is connected at one end to the personal sampling pump. Both stopcocks are opened and air pulled through at approximately one liter per minute.
- b) A sampling period of 15 minutes would allow collection of a representative sample of the worker environment.
- c) Stopcocks shall be closed tightly, closing the stopcock nearest the pump first.

6. Analysis:

The gas collecting tube sample is analyzed directly by gas chromatography.

7. Shipping Instructions:

The gas collecting tube should be wrapped with cushioning material, placed in the shipping case and shipped via Air Mail to the OSHA laboratory, Salt Lake City.

ACTION REQUIRED

01-VCL/PVC

MANUFACTURING CHEMISTS ASSOCIATION

1825 CONNECTICUT AVENUE, N.W.

V. SHZLSGHEKIAN.COMPAR9001

(202) 483-6126

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March 15, 1974

TO: MANAGEMENT CONTACTS OF COMPANIES SUPPORTING THE VINYL CHLORIDE
RESEARCH PROGRAM
TECHNICAL TASK GROUP ON VINYL CHLORIDE RESEARCH

Subject: Work Practice Standards for Vinyl Chloride

Gentlemen:

Enclosed herewith is the Recommended Occupational Health Standard for the Manufacture of Synthetic Polymer from Vinyl Chloride sent by NIOSH to OSHA on March 11. It is expected that OSHA will soon publish their proposed standard and that they will allow thirty days for comment. In the judgment of many of our group, it is important that industry comment on inappropriate recommendations of NIOSH promptly, and certainly before, rather than merely after, OSHA has published its proposed standards.

Also enclosed, for your review and comment, is a draft of a work practices standard for VCM synthesis prepared by Dr. Bell.

Sincerely,

[Signature of Kenneth D. Johnson]

Kenneth D. Johnson, Ph.D.
Secretary
Technical Task Group on Vinyl
Chloride Research

KDJ:bal

Enclosures (2)

cc: D. P. Duffield, M. D.
Mr. A. W. Barnes
Dr. Tiziano Garlanda

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