

VINYL CHLORIDE
TOXICITY

New York Office

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1. As you know, toxicological work on this compound was done at Yale University and report submitted in February, 1960, concluded that present threshold limit value of 500 ppm appeared to give an adequate margin of safety. Since this time Torkelson, et al of Dow Chemical Co., (Am.Ind.Hyg., Assoc.,J., 22, 394-398 (1960)), have published an article recommending a threshold limit value of 100 ppm with a time-weighted average for all exposures not to exceed 50 ppm.
2. Our toxicologist at Yale, Dr. Lester, has now received a letter from Dr. H. B. Elkins, Massachusetts control official and member of the "Threshold Limit Value" committee of ACGIH stating that he is proposing a value of 50 ppm based on Dow data and requesting that Dr. Lester submit any data he has to refute this value. Dr. Elkins' knowledge of the Yale work came through Dr. Keith Jacobson of Chemical Warfare Service to whom Dr. Lester had written requesting time on the May 13-17, 1962 program of the American Industrial Hygiene Association, to present his paper.
3. Dr. Lester has not completed writing of his paper for this meeting but has promised Dr. Elkins a copy of his paper within 3-4 weeks or a summary of pertinent data within about one week.
4. A copy of Dr. Elkins' letter to Dr. Lester will be distributed to recipients of this letter as soon as received.

Original Signed
W. A. Knapp

Research Consultant

WAK:cmk

cc: Mr. W.G. Dooley, Supv., Org. Products Tech. Serv., Solvay Process Div.,
Mr. W.A. Marshall, Mgr., Org. Chem. Sales, Solvay Process Div.

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