

IP

EPA-OTS

The Society of the  
Plastics Industry, Inc.



000281466R



1025 Connecticut Avenue  
Washington, D.C. 20036  
(202) 822-6700

8EHQ-0R7-0650 Init.

88-870000018

CONTAINS NO CBI

January 22, 1987



Document Control Officer (TS-790)  
Attn: Section 8(e) Coordinator  
Office of Toxic Substances  
U.S. Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

Gentlemen:

This is written to report preliminary pathology results from the terminal sacrifice of rats at the end of a two year inhalation study of vinyl acetate conducted by Hazleton Laboratories U.K. for the Vinyl Acetate Task Force of the Society of the Plastics Industry, Inc. (SPI). This study is part of the same test program for which a report was previously submitted on the preliminary pathology results of a two year mouse study (letter to Document Control Officer, October 15, 1986, EPA Control Number 8EHQ-1086-0642). These results are being reported in accordance with the guidance provided by EPA in its March 16, 1978 Federal Register notice relating to the statement of interpretation and enforcement policy regarding notifications of substantial risk, pursuant to section 8e of TSCA.

In this study, groups of Sprague-Dawley rats were exposed to concentrations of vinyl acetate of 0, 50, 200 and 600 ppm for six hours a day, five days a week, for two years. A preliminary pathology report shows 10 tumors have been observed in the nasal cavities in the 77 high dose animals examined. Two of those tumors were squamous cell carcinomas; the balance were papillomas. No tumors were observed in the other exposure concentrations or in the control animals.

We will provide the Agency with a copy of all interim reports, if any, and the final report of this study when such become available. The SPI member companies which are primary sponsors of the study are Celanese, E.I. duPont de Nemours, USI Chemicals Company and Union Carbide Corporation. They are also the only U.S. manufacturers of vinyl acetate.

Sincerely,

Hugh Patrick Toner  
Director, Technical &  
Regulatory Affairs

HPT:sb

00002

**CERTIFICATE OF AUTHENTICITY**

THIS IS TO CERTIFY that the microimages appearing on this microfiche are accurate and complete reproductions of the records of U.S. Environmental Protection Agency documents as delivered in the regular course of business for microfilming.

Data produced 4 27 87 Barbara Smith  
(Month) (Day) (Year) Camera Operator

Place Syracuse New York  
(City) (State)

