

44-38861-6666

March 22, 1974

Mr. Michael G. Sivette
Manager, Corporate Purchasing
Johns-Manville
Greenwood Plaza
Denver, Colorado 80217

Dear Mr. Sivette:

Your letter of March 7, 1974, to Mr. Thomas H. Butler was referred to me. I can appreciate your concern regarding PVC resin; the answers I can provide to your questions are itemized below.

1. Neither Conoco Chemicals nor the Manufacturing Chemists Association has medical epidemiological or toxicological data regarding the use of polyvinyl chloride resin.
2. The residual amount of vinyl chloride monomer (VCM) in the Conoco Chemicals PVC resin or compound shipped to you is less than 0.1 weight percent. We have not routinely measured the residual VCM; the value reported is based on a few samples analyzed recently.
3. We have no meaningful data at this time related to heat induced release of VCM during PVC extrusion. We plan to obtain data from laboratory extruders in the very near future to better define potential exposure to VCM.
4. I have enclosed a copy of NSF methods for determining removal of substances from PVC pipe: "Procedures for Chemical Extraction (Chemical-Physical-Organoleptic) Evaluation of Plastics."
5. I cannot make specific recommendations regarding sampling the workplace. Conoco Chemicals are examining several types of apparatus to provide consistent, useful data regarding the workplace problems. We have had considerable success with a Century 98B portable monitor in identifying problem areas in our plants. We would be very happy to work with you when we have more information; I expect we could meet with you within the next four to six weeks.

Yours very truly,

lm
enc
cc: Mr. T. H. Butler

bcc: KLS-WRS-EAS