St. Louis - General Offices

August 17, 1962

CONGOLEUM-NAIRN, INC.

W. H. Hunt
T. Hollings - N.J.
J. D. Wright - N.Y.

Mr. J. P. Lonsberg
New York

Sam T. Martin of the subject company asked our comments on the incorporation of an Aroclor in an experimental foam formulation. The vinyl foam would be processed at 375°F-400°F. The product would be processed in an air inpingement oven which does not have an air tight exhaust system. They wanted to know our comments on the inherent toxicity of Aroclor under these conditions.

The first comment would be is that we would have to determine which Aroclor they were considering in their foam formulation. If it is a product like Aroclor 5460, I don't feel they would have a serious problem. We know that products like Aroclor 1262 are being used in similar type applications. The real problem, I think, is how tight is their oven? What type of exhaust system do they have? I feel the only way that they can really determine this is on an experimental basis where they would try a run in their plant. If they get Aroclor fumes present in the plant, they would then have to give serious consideration to either modification of their equipment to eliminate the fumes or the elimination of Aroclor from the formulation.

It is impossible to say whether or not they would have a problem until they made a trial. I think we can safely assure them, however, that on an experimental basis fumes of sufficient quantity to be hazardous (in a short period of time) would probably not be present. If they were present in sufficient quantities, in a short period of time their workers would walk off the job.

I am sending a copy of this to Bill Hunt in case he has additional comments to make.

W. F. WAYCHOFF

WFW/cas

DSW 147785

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ATTENTION W. H. HUNT: I am not trying to do your job, but at this stage of the game it looked as though the customer was worrying before they had tried it out in a given set of equipment as well they should. However, I think the only real answer for them is to make a trial.

WFW

DSW 147786

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