cc: C. L. Bradford
P. L. Slayton - 1650

October 12, 1971

Mr. Leo R. Calvini
Varian Vacuum Division
NRC Operation
160 Charlemont
Newton, Massachusetts 02161

Dear Mr. Calvini:

This letter confirms a telecon between Mr. Moore of Monsanto and Miss Eleanor Gibson of Varian Vacuum Division on October 11 concerning Varian's use of Santovac 2 vacuum pump fluid.

As indicated on their labels, Santovac 1 and Santovac 2 contain polychlorinated biphenyls (PCBs) of various types. As you are aware, PCBs have increasingly come under the scrutiny of various governmental agencies and scientific laboratories. In some studies, certain PCBs have been found to be persistent, an environmental contaminant and possibly injurious to certain forms of bird, aquatic and animal life. Accordingly, it is important that PCBs be kept out of the food chain.

We want to remind your firm of the extreme care that must be taken by users of Santovac 1 and Santovac 2 fluids to prevent any entry into the environment through spills, leakage, use, disposal, vaporization or otherwise. Some specific applications where these fluids should definitely not be used are in vacuum systems involving food or food-related products, animal feeds, pharmaceutical products, packaging materials involving any of such items and buildings where any of these items are manufactured or stored.

If your vacuum system involves any of the mentioned applications, or if your system is such that entry into the environment cannot be prevented, you should replace Santovac 1 and 2 with non-PCB fluids immediately. Please contact your pump supplier for his recommended replacement product.

Used Santovac 1 and 2 should be returned to Monsanto Company, W. G. Krummrich Plant, Sauget, Illinois 62201, Attention: Supervisor Dept. 246 for proper disposal. This service is performed at cost, which is $0.03 per pound.

Very truly yours,

DSW 017936

R. E. Hatton
Technical Manager
Hydraulics and Lubricants

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