R. E. Hatton - G. O.

October 20, 1971

SANTOVAC - A. SCHONBECK
AND CO., LTD.
Your call report of 9/28-29/71

C. L. Bradford
D. E. Roush
H. F. Dixon
D. Goodwillie - 5080

T. W. Oneson
5080

Don Roush passed along subject call report which refers to the emergency supply of Therminol FR-2 as a vacuum pump fluid to help keep this company in operation. As you know, we are selling Aroclor 1248 as Santovac 1 in the U. S. subject to two conditions: 1) that the fluid never be used in any connection with any product entering the food chain and 2) that it be disposed of properly (via incineration under controlled conditions, not via ground fill, poison dumps, etc.).

We have also decided not to supply Santovac 1 or 2 via distributors and not to allow any repackaging. With regard to alternate fluids, we are suggesting that the user contact his pump supplier.

All our Santovac 1 and 2 customers have now been contacted and approved or disapproved for future purchases. New customer orders must be screened and approved by the product group.

Following are four paragraphs we have been using to explain the situation to our customers:

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.

Let me know if you have any questions or I can be of help.

R. E. Hatton

/pep