bcc C. Paton/J. J. Roder
1650 P. L. Slayton
1650 J. S. Pullman

October 19, 1971

Mr. William Terenchin
Polymer Corporation
2110 Fairmont Avenue
Reading, Pa. 19603

Dear Mr. Terenchin:

I have cancelled your order for one 55-gallon drum of Therminol FR-1 in lieu of a possible conversion to Therminol 66 in your Nylon sintering process.

As you are undoubtedly aware, the polychlorinated biphenyl (PCB) chemistries present in our Therminol FR fluids has come under increasing scrutiny by various governmental agencies and scientific laboratories. In some studies, certain PCBs have been found to be a persistent environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. Accordingly, it is very important that PCBs be kept out of the food chain.

Extreme care must be taken by all users of PCB containing products to prevent any entry into the environment. The best alternate to avoid PCB contamination of the environment is to switch to a non-PCB containing heat transfer fluid. In this regard I would recommend that you consider changing to Therminol 66 heat transfer fluids for your sintering application.

I have attached technical literature on Therminol 66. This product is capable of 650°F operating temperatures which certainly cover your 550°F operating limit. It has extremely good low temperature characteristics and a much lower density than does Therminol FR-1. Also of importance is that it has no odor should leakage occur. The Therminol 66 fluid is not a fire resistant heat transfer fluid as is Therminol FR-1. In this regard we would recommend you consult with your insuring agency to determine whether or not additional protective devices are required to minimize fire risk.

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We certainly urge you to make a change to Therminol 66 as the viability of Therminol FR as a heat transfer fluid is questionable. Should you decide on a change to Therminol 66 at this time we would be happy to provide the Therminol 66 at $2¼/lb. FOB Anniston, Ala. The Therminol FR-1 contained in your system can also be shipped to our Sauget, Ill. plant for incineration, freight collect. I have attached several return labels for the purpose of returning FR for incineration.

I would also suggest a conversion to Therminol 66 from Therminol FR-0 in the circuit board press application. Would you please forward the duplicate copies of the attachments to the supervisor of this process so that he may also consider changeout to Therminol 66.

If you have any questions concerning changeout or application of the Therminol fluid please contact Jay Pullman in our New York City office or me in New York. Jay Pullman's New York address is:

Monsanto Company
277 Park Avenue
New York, New York 10017
(212) 922-4111

Very truly yours,

D. E. Roush
Product Specialist
Heat Transfer Fluids

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Enclosures

cc Mr. Flamm