bcc B2SC G. F. Fague
1650 P. L. Slayton
1650 J. S. Pullman
B2NG W. N. Maddox
Conversion file

September 6, 1973

Mr. Ed Jones
Sauquoit Fibers Co.
302 Fig Street
Scranton, Pa. 18501

Dear Mr. Jones:

In response to your letter of August 24 concerning your use of Therminol FR heat transfer fluid and your decision to change the heating fluid to an alternate product, I have attached our Therminol FR conversion bulletin which contains information on system cleanout.

We do suggest that the Therminol FR fluid be drained from this system and properly disposed of by high temperature incineration. Further, we suggest that this system be at least flushed out to insure complete removal of the Therminol FR fluid and that the flush fluid also be disposed of by high temperature incineration.

Monsanto provides a high temperature incineration service for drained Therminol FR fluid at a nominal charge. Should you elect to return fluid to Monsanto for disposal, we request you use return drums that meet DOT 17E Specification (55 gallon drum, 18 gauge minimum, bung head) to prevent leakage. The outside of the return drums should be free of fluid material and free of leaks. Cleanup or other costs effecting the carrier related to fluid leaking from drums will be charged to the shipper.

For return of drained Therminol FR fluid, please contact Mr. William Maddox (800) 325-3850. Mr. Maddox will send you the necessary pre-addressed drum return labels and will provide instructions for the return of fluid for incineration.

We cannot handle solids (ie., sawdust, rags or sludge). Our Sauget, Illinois plant, where return material is incinerated, is instructed to refuse receipt of containers containing

solid and to return same to the sender at the sender's expense.

The decision to use UCON 50HB280X as a replacement for Therminol FR heating fluid is, of course, yours to make. May I suggest you contact Union Carbide on the availability of this product. It has come to our attention recently that the UCON fluids are on allocation which may affect the availability of the product for your application.

Should you have difficulty in obtaining UCON fluid, may I suggest the use of Therminol 55 or Therminol 66 as an alternate heating fluid for your application. For your consideration, I have enclosed our new Therminol design guide and product data bulletins on the Therminol heat transfer fluids.

I would like to point out that unlike the Therminol FR products, Therminol 55 and 66 are not classified as fire resistant heat transfer fluids. Consequently you should consider the use of protective devices to minimize any added fire risk with alternate fluids used in place of Therminol FR products in your system. We suggest you consult with the insurer of your property relative to this matter.

If we can be of any further assistance in converting your Therminol FR system, please feel free to contact our Therminol specialist serving your area who is Mr. J. S. Pullman in New York City. Mr. Pullman can be reached at the following address and phone number:

Monsanto Company
1114 Avenue of the Americas
New York, New York 10036
(212) 764-5000

Very truly yours,

D. E. Roush
Technical Manager
Hydraulics & Lubricants

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Note to boc:

Sauquoit Fibers is a division of Rohm & Haas Co. Our conversion file records indicate that the total system fill is 20 gallons and the present FR fluid is FR-2. All the standard correspondence has been sent previously.

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