Monsanto CALL REPORT – ORGANIC DIVISION

DICTATE IN SEQUENCE:
1. HEADING INFORMATION
2. NAMES OF ADDRESSEES
3. NAMES OF CARBONEES
4. IMMEDIATE ACTION NEEDED
5. REPORT ON CALL

REPORT CAPTIONS:
1. OBJECTIVE
2. PERSONS CONTACTED
3. RESULTS
4. ACTION REQUIRED

CUSTOMER NAME	DATE OF CALL
Standard T Chemical	4-4-72
CITY AND STATE: Chicago Heights, Ill. 60411	DATE RECEIVED: DATE TYPED: 4-6-72

CUSTOMER MAILING LIST CHANGES – SERVICE CENTER USE ONLY

NAME AND TITLE	BM	MF	MP	MAG	CATEGORY CODES

REGION	SERVICE CENTER	SALESMAN
		Danzer

TO C. Paton

CC D. E. Roush
J. J. Roder
P. W. Gann
E. L. Shimley
P. L. Slayton
R. V. Weyland

Objective: To convert 400 gallon FR-1 system to Therminol 66.

Contacts: Lane Johnson - Engineering

Results: Standard T Chemical has a 400 gal Therminol FR-1 system at 2600 S. Federal in Chicago. This system operates at 550°F and heats a resin kettle used to manufacture paper sealant chemicals. Mr. Johnson does not believe any of the sealant contacts a food product directly or indirectly and is not presently concerned with the FDA laws.

The Federal Street resin plant is to be dismantled in a year and the Therminol FR-1 equipment will be relocated to the Chicago Heights plant. The reassembled sealant operation will be started up on Therminol 66. The engineering firm "PILOT UNITS PRODUCTS" will design the new T-66 system. Design work is cursently in progress.

Mr. Johnson does not want to convert his existing FR-1 system to T-66 because the investment in safety equipment to handle T-66 will be lost when the plant is torn down. In order to quaxantee a supply of FR-1 for the next year, the engineering firm "Pilot Units Products" has purchased unused FR-1 from various people on the east coast. Presumably, this may be one of the companies which was buying FR fluid from Monsanto customers in March, 1972.

Mr. Johnson will try to keep abreast of developments in the PCB situation. If Standard T feels continuation of sealant production at the old plant with Therminol FR has become too risky at some future time, they may move just the sealant system equipment to the new location on a crash basis and switch to T-66 prior to closing the Federal Street plant.

Actions Required: 1. Send complete set of design information for new T-66 system to:

I. E. Rubin
Pilot Units Products
P. O. Box 114
South Orange, N. J. 07079
(Telephone 201-763-0399)

MONS 077597

S-331 (REV. 12/66)

1 – CENTRAL OFFICE COPY

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CUSTOMER NAME					DATE OF CALL
Standard T Chemical					
CITY AND STATE			DATE RECEIVED		DATE TYPED
Chicago Heights, Ill. - Page Two					
CUSTOMER MAILING LIST CHANGES – SERVICE CENTER USE ONLY					
NAME AND TITLE	PUT ON	TAKE OFF	MP	MAG.	CATEGORY CODES
REGION / SERVICE CENTER		SALESMAN			

TO _____ CC _____

2. Advise Mr. Johnson of significant developments in PCB situation which might favor an early conversion to Therminol 66.

Engr. Background: The 400 gallon FR-1 system runs at 550°F and heats a jacketed resin kettle manufacturing a paper sealant. The system is composed of a gas fired Eclipse boiler, pump, expansion tank and jacketed kettle.

The boiler is located below grade in an unsprinklered room with a steam boiler. Isolation and containment of a Therminol spill without a fire is a problem in the boiler room.

The distribution piping passes under a plant street (pipe tunnel) and then to the jacketed kettle. The underground piping was welded several years ago to eliminate ~~breaks~~ leaks in the inaccessible pipe tunnel.

The jacketed stainless steel kettle has been badly damaged in the upper jacket area due to chloride stress cracking. Last year the top 6" of the jacket was cut out and replaced. There is some question about remaining jacket life if FR use is continued one more year.

Following the jacket repairs last year, the foreman became quite sick and eventually had a kidney removed. Mr. Johnson wondered if there was any possibility of PCB poisoning. Since the jacket repairs were made at ambient temperature, I told him no, but offered the service of our Medical Dept. if he wished further information. Because the issue is considered closed, Mr. Johnson is relunctant to reopen a potential problem for his company as well as ours. He will contact Monsanto if they wish to discuss the matter further.

When moving the existing equipment to Chicago Heights, Mr. Johnson would drain the Therminol FR and return it to Monsanto. He would plan to flush the equipment after reinstallation. Disposition of the flush would be decided at that time. Furnace anuffing, inerting of the expansion tank, etc. would be added during the reinstallation.

D. E. Danzer