Contour Laminates, Inc.
Seattle, Wash.

0597075

(206) at 2-3994

STATUS

1. Customer CONTOUR LAMINATES, Inc. — Major FR User
2. Address 623 Denton Ave. Seattle, Wash. 98 (FR Location) — MICC Bus. Grp. / Other MC
3. Other Locations Using FR: Yes ☐ No ☐
4. Prior Experience: T-55 ☐ T-66 ☐ Other ☐
5. Other Locations Converted from FR: Yes ☐ No ☐
6. Any Conversion Attempts by Monsanto: Yes ☐ No ☐
7. Any Conversion Inducements: Yes ☐ No ☐
8. If Yes to 6 or 7, give details and status No info
9. Applications for FR (Details)
10. FR System(s) FR1 — Volume (gal.) — Max. Op. Temp (°F)
11. Any System Peculiarities or Precautions No info
12. Likely Replacement: T-55 ☐ T-66 ☐ Other ☐
13. Sales History

	1968	1969	1970	1971	Date of last order	Volume of last order
Total Volume Orders/Year			600	0		

14. Key Personnel (address/title/phone)
Radeke / / 206-AT-2-3994

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CONVERSION ACTION

1. Conversion Target Date

2. Monsanto Help Needed _____

_____

_____

_____

_____

3. Progress of Conversion

Date	Action	Initiated by
2/16/72	Talked briefly to Mr. Radeke. Has system in machine. No new material on hand. Sent data.	Calkins

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POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

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POSTMARK OF DELIVERING OFFICE

Print your name and address below. If you want to restrict delivery, or to have the address of delivery shown on this receipt, check block(s) on other side. Moisten gummed ends and attach this card to back of article.

RETURN TO

Monsanto Company
P. O. Box 14617
St. Louis, Mo. 63178

POD Form 3811 Apr. 1969 e55—16—71548-11

WATER_PCB-SPO00000063

Contour Laminates Seattle, Wash

PLEASE FURNISH SERVICE(S) INDICATED BY CHECKED BLOCK(S).
REQUIRED FEE(S) PAID.

☐ Show to whom, date and address where delivered ☐ Deliver ONLY to addressee

RECEIPT

Received the numbered article described below.

REGISTERED NO.	SIGNATURE OR NAME OF ADDRESSEE (*Must always be filled in*)
CERTIFIED NO. 649128	1 Contour Laminates
INSURED NO.	2 SIGNATURE OF ADDRESSEE'S AGENT, IF ANY M Lucas
DATE DELIVERED DEC 20 1971	3 SHOW WHERE DELIVERED (*only if requested*) 0597079

12-15-71 mailing

655—16—71548-11 347-198 GPO

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bcc: DR Hansen - 1800
CP/DER

October 10, 1972

Mr. R. Radeke, Purchasing Agent
Contour Laminates, Inc.
623 Dexter Avenue North
Seattle, Washington

Dear Mr. Radeke:

This is a followup letter to the one Mr. Calkins wrote you on February 17, 1972, concerning the conversion of your Therminol FR system. Since we have received no further word from your company, it may be your plant is still using Therminol FR fluids. If such is the case, we want to review with you once again the desirability of discontinuing their use.

In May, 1972 the Federal Government's Task Force on PCBs recommended against the use of PCBs as heat transfer fluids. Enclosed is a summary of their proposals. Also enclosed is a copy of a Wall Street Journal article highlighting restrictive action proposed by the FDA.

In April, 1972, our Mr. Papageorge sent a letter addressed to the "Plant Manager" of your plant. You may want to review this letter (copy enclosed) for additional background on this PCB subject.

We want you to be aware that some Federal and State agencies are sampling plant effluents and marine life looking for, among other things, PCB chemistry. If PCB is found, the agencies tend to determine the PCB source.

In light of the above,we believe you should seriously consider converting your Therminol FR system. In the event you have converted to a non-PCB fluid, we would appreciate knowing the

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disposition of the used FR containing fluids

If there are any questions on the above, please feel free to contact me at (314) 694-2514.

Sincerely,

Paul W. Gann
Project Coordinator
Heat Transfer Fluids

PWG:sj

enclosures:

Federal Task Force Report
Wall Street Journal Article, 3/20/72
WB Papageorge Letter, 4/72

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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
CONTOUR LAMINATES						3/2/72
CITY AND STATE				DATE RECEIVED		DATE TYPED
SEATTLE, WASHINGTON				3/13/72		3/22/72
CUSTOMER MAILING LIST CHANGES – SERVICE CENTER USE ONLY						
NAME AND TITLE		PUT ON	TAKE OFF	MP	MAG	CATEGORY CODES
REGION	SERVICE CENTER	SALESMAN				
WESTERN	SEATTLE	JOHN A. KRISS				

TO ~~EXXXXXHRR~~
CUMMING PATON
ST LOUIS

CC D. R. HANSEN - SC
J. K. McCABE - Vancouver
DER — FILE
PAUL Hamm

PERSONNEL CONTACTED: Bob Radeke - P.A.

OBJECTIVE: Determine Therminol FR1 conversion status

RESULTS:

Potential is one drum with consumption running at five (5) gallons per year.

Radeke has received the conversion instructions but is very reluctant to change to Therminol 55 or Therminol 66 due to its lack of fire resistance. I assured him that if he operated within the 400-450°F range he would have no trouble with Therminol 55. Contour used FR in a die to form formica. Heat source is a Cal-Rod unit. They have an expansion tank with a vent and cannot install an inert gas blanket.

ACTION:

JAK follow up April.

JAK

dmc

REC'D MAR 28 1972

S-331 (REV. 12/68) 1 – CENTRAL OFFICE COPY 0597082

WATER_PCB-SPO00000067

b.c.c. D. R. Hansen
CP/DER/JJR/
PWB/File

February 17, 1972

Contour Laminates, Inc.
Attn. Mr. Radeke
623 Dexter Avenue North
Seattle, Washington

Dear Mr. Radeke:

Confirming our telephone conversation on February 16, 1972 concerning conversion of your Therminol® FR heat transfer system, I have enclosed literature on two possible replacement fluids, Monsanto's Therminol 55 and 66. Therminol 66 has the higher maximum operating temperature (650°F vs. 575°F). It is, of course, your decision what product or system you choose as a replacement for Therminol FR.

We want 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 risks. We suggest you consult with the insurer of your property relative to this matter.

System Clean-Out

When converting your system to Therminol 55 and 66, we suggest you thoroughly drain the Therminol FR. Flush the piping, equipment and expansion tank with Therminol 55 or a non-chlorinated solvent and again drain into leak-free drums. If Therminol 55 is selected as the flush fluid, it may be advantageous to operate the system several days before draining to loose and remove system soil.

We encourage you use drums that meet DOT 17E Specification (55 gallon drums, 18 gauge minimum, 2 bung head; 5 gallon drums, 24 gauge minimum) to prevent leakage. The outside of the return drums of Therminol FR and flush fluid should be free of fluid material.

Return of Used Fluids

We ask that you contact one of our Heat Transfer Specialists, (314) 694-2514, when you are ready to return used FR or flush fluid to insure proper disposal of the fluid.

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We will psy freight and incineration costs only on:
- Therminol FR fluids.
- Therminol 55 or 66 used as flush fluid.
- Combustible organic flush fluid when replacement heating fluid is a Therminol product.

In the event your conversion plans do not meet one of the above requirements, we offer a high temperature incineration service for proper disposal of FR contaminated material (combustible organics) at a nominal cost. Please contact one of our Heat Transfer Specialists, as above, for details.

New Therminol FR Return for Credit

Any unopened drums of Therminol FR series products, returned prior to March 1, 1972, will be accepted for credit:

1. If the original drum seals are intact.
2. If Monsanto's product label containing the "caution" statement "avoid prolonged breathing of vapors or mists, etc." is clearly legible.
3. If each drum is clearly labeled "returned for credit".
4. Ship freight collect to:

Please contact a Monsanto Heat Transfer Specialist, (314) 694-2514, giving him fluid type and number of drums returned for credit prior to shipment.

We suggest you plan your conversion as soon as possible. The Therminol FR fluids are no longer available and are not compatible with other heat transfer fluids.

Thank you for your cooperation. Please feel free to contact me if yourhave any additional questions.

Sincerely,

Frank Calkins
Heat Transfer Specialist

Enclosures: Therminol Applications Unlimited
Therminol 55 Heat Transfer Fluid
Therminol 66 Heat Transfer Fluid
Therminol Conversion Bulletin
Therminol Fluids Description

0597084

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