REPORT OF CALL

PLAINTIFF'S EXHIBIT
tabbies
UC-615

CC for

T. P. Norris
J. W. Rawlings
King City - File
Niagara Falls - File

UNION CARBIDE CORPORATION

P.O. Box 579 Niagara Falls, N.Y. 14302

By R. E. Byrne and T. P. Norris

Date 10/15/71

END USE

Polyester Resins

Full Name Freeman Chemical Address Port Washington, Wisc. Mfrs. of	Interviewed C. Ross G. King

OBJECTIVE

To test samples prepared at Niagara Falls of 244 in Freeman resins.

DISCUSSION

We were able to duplicate the results, obtained at Niagara Falls, in Freeman's laboratory. Their results on samples mixed at Port Washington were actually better than ours at Niagara. For example, in a promoted resin Freeman got a viscosity of 1000 and a thix index of 3.0 compared to 2.7 which we had developed at Niagara. A Cab-O-Sil sample made up at Freeman yielded a disappointing (?) 1.5 thix index and a viscosity which was 1/3 the target at equivalent loading. We decided this was probably due to using an old lab sample of silica. This did not detract from their enthusiasm for 244, however, which was demonstrated by their order for 350 lb. of 244 to make 10-drum trial lots.

Charlie Ross pointed out that even if their trials go well, our penetration could be relatively slow. Freeman will not try to cover up their use of 244 and they will have to develop business with the new system. He does not foresee any real problems, but they are still concerned about screen plugging.

Ross asked a few questions about toxicology, but took the position that asbestos probably is no worse than silica. Everyone in the Freeman plant resents having to work in the very dusty, silica addition area, he said. He agreed with us that recognizing a hazard is the most important part of the battle.

FUTURE ACTION

Continued followup by TPN.

Typed 10/20/71
bsn

BC: File

UNION CARBIDE CORPORATION • METALS DIVISION • P. O. BOX 579 • NIAGARA FALLS, N.Y. 14302 • TEL: 716-278-3376

June 20, 1977

Mr. R. C. Ross
Director Materials Management
Freeman Chemical Corporation
P. O. Box 247
Port Washington, WI 53074

Dear Charlie:

As requested, a Material Safety Data sheet covering RG-244 is enclosed.

The letter requesting the MSDS was sent to our Chemicals and Plastics Division in Chicago where it was subsequently routed to heaven-knows-where. This explains my delay in getting the MSDS to you. For fastest service, correspondence regarding RG-244 should be sent to the Niagara Falls address above (especially if they are orders).

If we can be of any further assistance, please let us know.

Best regards,

Ed/cjb

Edward J. Kleber
Midwest Sales

EJK:cjb
Enclosure

G. L. Dickson
cc for T. P. Morris
W. C. Thurber
J. E. Walsh
KC-File
NF-File

UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

MAR 13 1975

By E. J. Kleber with R. E. Byrne

Date 2/25/75

Full Name Address Mfrs. of	Freeman Chemical Corporation Port Washington, WI

Interviewed
J.K. Harvey - Vice President Operations
R.C. Ross - Manager of Procurements
H.P. Cordts - Manager Reinforced Plastics
R.F. Navin - Chemist
R.L. Cerk - Director of Manufacturing
D.T. Sheahan - Personnel Mgr. & Safety Directo
P.W. Schaefer - Plant Manager - Saukville

OBJECTIVE

Conduct fiber count and try to move Freeman to buy.

OBSERVATIONS

Renewed interest at Freeman came about when J. Harvey took a tour of Marco's Jacksonville plant, noticed RG-244 bags laying around, and decided that if Marco could use it safely, Freeman should take another look. This, coupled with a strong sales pitch at the SPI regarding price advantage seems to have started their juices flowing.

We began the day at the Port Washington Technical Center with Howard Cordts, and after exchanging pleasantries he turned us over to Bob Navin, who took us to the Saukville Plant where we were to conduct a fiber count. To our dismay, rather than a full production trial, they made up a 55 gallon batch, containing 4 lb. RG-244. We collected the air samples anyway and emphasied that when they go into production, they really ought to conduct another fiber count. From the 55 gallon batch, they took a sample and checked it for viscosity, thix., index, filtration characteristics and gel time. Navin seemed pleased with the results and we packed up and headed for the corporate offices in Port Washington to attend a meeting.

Everyone listed above was present at the meeting and talk wandered back and forth between the technical aspects of RG-244 and toxicology, with all parties seemingly satisfied with our answers. It might be pertinent to note that Freeman has thoroughly tested RG-244 in years gone by and are familiar with how it works. The hang-up here has been strictly toxicology. The only unusual development in the meeting was that J. K. Harvey is interested in a method of transferring the RG-244 from the bags to the mixer without all the normal handling. R. E. Byrne mentioned a vac-u-max system, which was discussed at some length. The following decisions came out of the meeting:

EJK - Send fiber count report to Paul Schaefer.
Phone fiber count data to Bob Navin and Howard Cordts as soon as possible.
When Freeman schedules a production run, take another fiber count.
Send fiber counting procedure to Schaefer.

REB - Send Vac-u-max data.

GLD - We didn't talk very much about their plant at Chatham, VA. The only comment was that all our warehouse locations are perfect for backhauls which would eliminate freight costs. This seemed to get their interest. Will pursue Chatham further at our next meeting.

After lunch, we were about to wind up the call when J. K. Harvey came back and asked if we had an uncoated asbestos product. We briefly discussed RG-144 and he asked for a bag to be sent to his attention via UPS. We assured him this would be done. When asked what he wanted it for he replied that he wasn't going to tell us yet.

As we were leaving, Charlie Ross thanked us for our tenacity over the years and commented that our best strategy now would be to push, push, push.

To summarize, Freeman appears to be very close to buying. They are now seeking a customer to sell the 244 containing resin to. When they obtain one, we will be there to monitor the air. At the present time only about 10-15% of Freeman's resin are thixed, but Navin pointed out that this was likely to increase. This stands to be a very substantial account.

RECOMMENDED ACTION

REB - Send vac-u-max data to J. K. Harvey.

EJK - Take care of fiber counts as outlined above. Follow-up with Harvey on RG-144, and last, but by no means least, push, push, push.

ADDED NOTE

Fiber counts were run, the highest number being 0.4 fibers/cc. Will report to Freeman ASAP.

Typed 3/5/75
ds

REPORT OF CALL

Calidria ASBESTOS

for T. P. Norris
W. C. Thurber
J. E. Walsh
KC-File ✓
NF-File

UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By E. J. Kleber

Date 4/21/75

Full Name Freeman Chemical Port Washington, WI Address Mfrs. of	Interviewed Howard Cordts - T.D. Charlie Ross - Purchasing Agent

OBJECTIVE

Determine status of RG-244 evaluation.

OBSERVATIONS

Things are moving slowly but surely towards the introduction of RG-244. Charlie gave us a purchase order for two pallets (enough to run a trial with 100,000 pounds of resin). Our main function here is to bring Howard and Charlie together. Once this is done, Charlie does all the selling for us. Howard has promised to call us when they are ready and we will run a fiber count on this full-scale production run.

Charlie is a little upset with us. He claims that "we" wrote a letter to a Dr. Singleton of H. H. Robertson (Freeman's parent) which pointed out that our asbestos was hazardous to use. Singleton sent the letter to Charlie and he promptly threw it away so that no one would see it. The way I see it, one of two things happened:

1. Singleton and Ross misinterpreted the letter.

2. It was not written by anyone in our organization.

Incidentally, it could have been sent to the Mellon Institute rather than Robertson. If anyone knows of a letter like this, please let me know so we can combat it.

Charlie also commented that "our competition" has been saying that when polyester-containing RG-244 is abraded, asbestos fibers are released into the air. Luckily, he thinks that story is hogwash and I hastily agreed.

RECOMMENDED ACTION

EJK Continue to push Freeman, especially howard Cordts.

REB,GLD, Do you know anything a bout a letter to H. H. Robertson or the Mellon Institute?
JLM,HBR, Ross thinks it was written by a manager located in New York (either city or state).
WCT If you have written to them in the last month or two, please let me know.

Typed 5/1/75
cjb