c 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

PLAINTIFF'S EXHIBIT
tabbies
UC-573

By B. L. Ingalls

Date 6/25/73

Full Name	Georgia-Pacific Corporation Bestwall Division	Interviewed
Address	Akron, NY	Mr. Bill Nalbone, QC Supervisor
Mfrs. of		(Telecon)

I called John Rauch, plant manager of subject company, to discover the latest status of their citation by OSHA. However, I learned that Mr. Rauch is at their Portland headquarters attending a plant managers' meeting for the duration of the week. Subsequently, I talked to Mr. Nalbone, QC supervisor. According to Nalbone, they were cited by OSHA for exceeding allowable threshold limits and a multitude of other sins which appear by his comments to encompass just about the entire asbestos regulations. The infringements included inadequate housekeeping, improper ventilation, lack of respirators for personnel, lack of warning signs, inadequate facilities for bag and waste disposal. They were also cited for not having regular programs for dust monitoring and medical examinations and record keeping. They were told it would be necessary to have a change of uniforms for their employees on a daily basis and adequate change facilities.

Nalbone commented that one of the purposes of Mr. Rauch's meeting in Oregon is to determine G-P's course of action with regard to the citation and appropriate measures for compliance. One alternative that is presently being considered is installation of a new plant. Apparently, it may be more advantageous for G-P to build a new plant rather than to make the necessary modifications in their existing old facilities at Akron. They are also considering the possibility of alternatives for asbestos in their TJ formulations, however, by the time of Nalbone's comments, this is considered to be some distance in the future if a feasibility.

RECOMMENDED ACTION

BLI Maintain close contact with Mr. Rauch and Mr. Nalbone over the next several months.

Typed 6/29/73
cjb

cc for O. J. Malacarne/V. D. Holt
T. P. Norris
W. C. Thurber
KC - File
NF - File

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

R. O. Marsten ☐
R. J. Kronikbyte ☐☐
J.M. Anderson ☐☐
A. A. Andrade ☐☐
C. F. Gregan ☐☐
R. L. Gregan ☐☐
R. O. Harper ☐☐
B. E. [illegible] ☐☐
D. E. Clark ☐☐
D. J. Garcia ☐☐
G. L. Vessels ☐☐
M. K. West ☐☐
File ☐

By J. L. Myers with
E. J. Kleber
Date July 17, 1973

Full Name Georgia-Pacific Corporation Address Akron, NY Mfrs. of Tel. 542-5431	Interviewed W. Nalbone, Chemist J. D. Rauch, Plant Manager John DiLorenzo, Chief Eng.(Corporate from Portland, OR) Earl Harvey, Consulting Engineer

I visited the plant to discuss their recent OSHA citation and problems with compliance. This was done at the request of Mr. DiLorenzo. Ed Kleber accompanied me and obtained several dust samples at Mr. Rauch's request.

Georgia-Pacific was cited for several asbestos violations and was fined $3000. They have until July 27 to present a plan and timetable to reach compliance. They wanted to review our knowledge of the standards, our dust counting experience, and our plant compliance status.

I left with them our drawing numbers 241-344 and 241-345 depicting our bagging enclosure arrangement. We discussed this operation and I have alerted F. H. Larrison that Mr. DiLorenzo may visit our plant in the near future. I left samples of SG-200X and RG-100 for their lab evaluation and a sample of SG-200X has been sent to E. O'Neill at their Tigard R&D center. We briefly discussed bulk handling and the economics of pellets in bags or bulk but they cannot solve their immediate problem with pellets.

I discussed T-135-O for spray textures with Nalbone; and, although they are trying to remove asbestos, he seemed interested and a sample will be sent. He said he had not heard of T-135-O before.

Mr. Harvey is familiar with several of our engineering personnel and may contact O. J. Malacar to discuss our dust control equipment. He has apparently designed a system which Georgia-Pacific is "going with" for OSHA.

Ed obtained samples during ready-mix preparation. They are expecting another OSHA inspection on July 30 and wanted data on this operation. We advised Mr. Rauch that a car containing six test pallets (tuck-in sleeves with shrink-film) of SG-210 would be sent to them later

DICK/BOB - In case this guy should show up when I'm not here it is OK — he wants to look at bagging room enclosures - FHL.

this month. We observed several different dusty products packaged with tuck-in sleeves, including Carey 7RF9, and all of the sleeves were filled with material and "dribbling." The OSHA dust warning is in small print (same as bag manufacturer's data) on the back of Carey's bags - definitely not prominent.

ACTION

B. L. Ingalls — Follow-up with Nalbone on T-135-0 and pellet samples. Advise Rauch when car with test pallets leaves King City, arrange for inspection and dust sampling during unloading at Akron.

O. J. Malacarne/F. H. Larrison — Be prepared for visits and/or calls.

E. J. Kleber — Report dust sample results.

J. L. Myers — Prepare comments on their citation anc distribute as appropriate.

Typed 7/18/73
/ds

E. J. Kleber - Niagara Falls
c for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files ✓

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

By J. E. Walsh

Date 5-6-75

Full Name	Ruco of Atlanta	Interviewed	
Address	Atlanta, Georgia	Bob Mueller, Plant Manager	
Mfrs. of	Joint Cements & Sprays	Rick Ru, Plant Manager (Kansas City)	

Call made with H. B. Rhodes to run a dust count.

Rick Ru from the KC plant was in running an audit and also going through the plant, apparently looking for possible OSHA-type violations. Rick advised that their Kansas City plant had been inspected by OSHA about two weeks ago and had received a few citations. OSHA also had about 10 samplers and put them on various people in the plant to measure the asbestos fiber levels. The inspector advised Rick that the samples would be sent to Salt Lake City to be read. The inspector also suggested a few ways for them to better control dust, and Rick is planning to make them. No mention was made by either Rick or us about medical exams, and I can only assume that the question never came up. Rick also was never questioned by the inspector about having a prior monitoring. All in all the attitude seems to be that they have had the inspection, have some changes to make which they will, and will continue to use asbestos. Discussed with Rick the T-135 substitution vs TiO_2 and 7MS1 in their ceiling sprays, as a few of our customers have formulated it in, and Rick will pick up the 4 bag sample next week at Murco and bring it back to KC for a plant trial. Also emphasized to Rick not to forget that the carload of 210 enroute to KC now is 35 lb bags, not 30 lb bags, as used here. He will also be replacing 7RF9, and 210 was found to be 40% more effective here, so he will use this percentage number when recalculating the pounds he will need in his formula, and also taking into account the 35 lb bags. Bob Mueller advised that they are down to less than half a truckload, so we should get another truckload order before the end of this month. They continue to be very pleased with both the improved quality of their mud since switching to 210, and the availability of local stock that they can pick up in their trucks.

EJK Suggest you give Rick a call in a couple of weeks to see how his 210 and T-135 plant trials went. He also could use some info on dust counting equipment needed to run periodic monitorings at their plants.

HBR If all the count numbers are OK please mail the report direct to Bob Mueller. If not, please mail it to me.

Saw

for: H. B. Rhodes - Niagara Falls
R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files ✓

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

By J. E. Walsh

Date 5-6-75

Full Name	Georgia Pacific	Interviewed
Address	Decatur, Georgia	Dr. Bornstein, Research Director
Mfrs. of	Chemical Resins	

Call made with H. B. Rhodes to update Bornstein on toxicology.

Before getting into the dark side of our business, Bornstein was probed on where they were on their new product line containing either 144 or 244. He advised that they had decided to use 244, as they found it to be more efficient and they can use less of it. The product is a two component adhesive that will be thermoset between panels. It is a completely different material from the original plywood adhesive containing 244 that Bornstein invented for Georgia Pacific. This is also his baby, and although they still recommend silica over asbestos to their customers, he is committed to 244 for this product line. They have decided to add the 244 at their plant locations, and thereby take the OSHA asbestos question out of the hands of their customers. Dr. Bornstein expects that they will begin plant production of the new adhesive anywhere between 3-6 months from now with the first GP plant beginning to use it located in Conway, North Carolina. Other GP plant users will be in Lufkin, Texas and Crossett, Arkansas. I guess you have to go where the wood is, but most of the plant locations are in the wilds and will be a challenge to try and cover. Bornstein advised that GP has 17 plants across the country capable of making the adhesive, but most likely only 12 of them will.

Dr. Rhodes proceeded to input to the good doctor the toxicology and regulatory story on 244, and a copy of our February 1 paper on the subject will be sent to him. Dr. Bornstein will be fighting the internal toxicology issue for us, and our hope is that we got through clearly enough to him during the discussion with enough ammunition for him to do it. We also offered to run dust monitorings at their various plants as they begin to produce the new adhesive.

JEW

Phone Dr. Bornstein around 8-15 to see how the project is going.

H. B. Rhodes - Niagara Falls
E. J. Kleber - Niagara Falls
or: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
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UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By J. E. Walsh

Date 5-6-75

Full Name	Ruco of Atlanta	Interviewed
Address	Atlanta, Georgia	Bob Mueller, Plant Manager
Mfrs. of	Joint Cements & Sprays	Rick Ru, Plant Manager (Kansas City)

Call made with H. B. Rhodes to run a dust count.

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

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

G. L. Dickson with
By E. J. Kleber

Date 3/22/74

Full Name	Georgia-Pacific Corporation Akron, NY	Interviewed	
Address		Bill Nalbone	
Mfrs. of	TJC		

Bill telephoned in AM to say that the car ordered for delivery on 3/22/74 had arrived on 3/22/74. This was their first car containing 8 layered pallets and we had requested permission to inspect it before being unloaded. Looked very good as attached photos verify. Observed only one broken bag which had nothing to do with loading pattern. Their unloading doorway is high enough to accommodate unloading two pallets at once, which is the usual custom here, but with only about a foot to spare. No problems with unloading except they asked if it would be possible to load the pallets in the doorway in the opposite direction. The forks on their lift trucks are not long enough to go the full distance under the long way of the pallets which required that the first two sets had to be pretty much dragged out of the car. After this it was possible to turn the next two sets of pallets inside the car and then insert the forks the short way of the pallet. After the 4 sets in the door had been removed, it was a simple matter to unload the remaining pallets. This is not a big deal with them but if a car can be loaded with these pallets in the opposite direction and still travel without damage, they feel that it would simplify the initial unloading procedure.

Bob
b2-Y

We offered to run a dust count during this time but our offer was politely turned down as Bill felt it was unnecessary. They were recently inspected by OSHA and so far everything looks good. However, they are still awaiting the results of the OSHA dust count.

The two dunnage bags arrived inflated as they normally do. They cited one example when a bag had been pierced by a splinter from a pallet but this apparently was an exception.

The self-sealing valves still contain asbestos which is the only adverse criticism that we can make.

MISC.

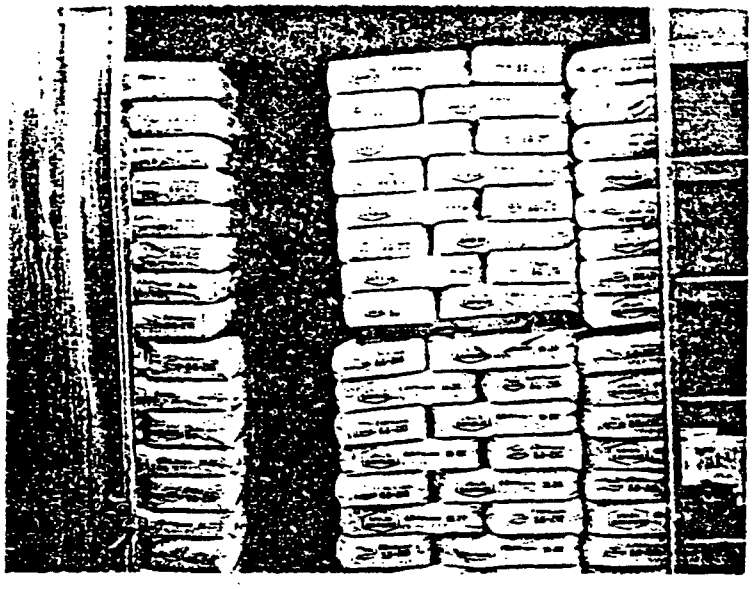
SG-210 is still only being used here in their ready mix with Carey Canadian 7TF9. We do not know the ratio of the two asbestos. However, ready mix will probably be 65% of their production this year and they expect this to increase

in the future. They are now on a 6-day - 2-shift operation and are just keeping up with demand. Therefore, 1974 requirements for SG-210 should be greater than in 1973, although Bill would not advance any estimate.

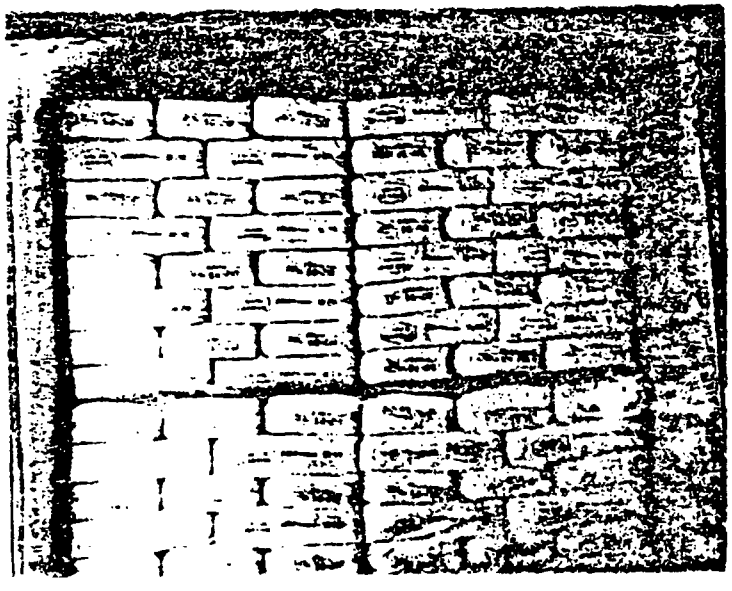
ACTION

Routine calls only are required at this time. Will follow up periodically on the status of pelletized SG-210 which was not discussed. Left copy of J-M booklet on asbestos which Bill will read and then let us know if he wants additional copies for his people.

Typed 3/25/74
cjb







c for H. B. Rhodes
T. P. Norris
KC Files
NF Files

Calidria Asbestos

UNION CARBIDE CORPORATION

Atlanta, Georgia

RECEIVED
FEB 26 1973
UCC - CALIDRIA
KING CITY, CA.

By J. E. Walsh

Date 2/16/73

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Bob Favero - Plant Manager	
Mfrs. of	Tape Joint Compounds	Doug Jones - Quality Control	

Call made to meet new plant manager and bring in our April 1st price increase on SG-210 to this carload account.

Bob Favero came from their Brunswick, Georgia Gypsum board plant and succeeded Harry Scharf who was sent to Milford, Virginia to open a new tape joint plant there. Reviewed the dust count data on their survey and the regulations with Favero and my brief background on their Marietta plant in so far as SG-210 was concerned. We went out into the plant and talked with two or three operators concerning the over and under weight bag problem they had experienced on an early January delivery and were informed by the men that the bags from the last car were okay ie 30 lbs net. Discussed the increase of 1/2¢ pound on SG-210 effective April 1, 1973 and our reasons for it. In equating the increase to his total formulation cost it works out to about a little less than 6% based on his 1/3 210, 2/3 Canadian mix. This seemed to soften the blow a little bit and the only response I received from Favero was that perhaps he should order an extra car at the end of March. My initial impression of both Favero and his feelings about the price increase are that they have come to live with increases; the SG-210 is not a major item in their formulation and will only mean a slight increase in their raw material cost. He will advise his home office of the increase and continue to buy 210. My next call here will reveal if my reading of their initial response to the increase was accurate as they will have had time to think about it and discuss it with the home office.

The all 210 mud sample we left with in November has been sent to Tigard but to date Doug Jones has not received any comments from them on it. They were supposed to run tests on it and Jones will check and find out what the status is on it and let me know.

JEW;nd
Typed: 2/21/73

cc for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 2-18-75

Full Name Georgia Pacific	Interviewed
Address Decatur, Georgia	Walter Boyles, Chemist
Mfrs. of Chemical Resins	

Call made with R. E. Byrne to discuss toxicology.

Meeting was originally set up with Dr. Bornstein, but upon arrival, we were advised that he was called out of town on an emergency. He apparently had made a gallant effort the day before to let me know he couldn't make it, but it was a holiday, and he was unable to track me down. Boyles was the man Bornstein had assigned to see us in his absence. Before getting into the toxicology discussion, I tried to probe Boyles a little to see if I could find out what the new product was that our 144 would be used in. Boyles, unfortunately, either didn't know or didn't want to say, as all he would discuss was the 244 adhesive that we already know about. R. E. Byrne then proceeded to go over the toxicology aspect of asbestos, on which Boyles seemed to have a very negative feeling initially. After the discussion, it appeared that we cleared the air on a lot of apprehensions Boyles had, having been exposed only to the publicity side of the story previously. Later in the week a 10 lb. bag of 244 was sent to them to make up a rush order for one of their customers. A telephone conversation the following Monday morning with Dr. Bornstein revealed that they are sampling an export account in South Africa with a three component system, and needed the 244 bag to send along as one of the components. They are also sampling their prospect with the finished material, ie., all three components mixed together. The prospect will try it both ways and decide which way he wants to go. If they go the component way, they will need a source of 244 in South Africa.

REB Who represents us there?

If they go the finished product route, GP will buy the 244 here in about 1000 lb. lots, according to Dr. Bornstein. If the product is made in Decatur, they will need a dust count run due to internal GP politics, and I advised Dr. Bornstein that we could provide the sampling for them.

JEW Phone Dr. Bornstein around 3-21 to see what the status of the project is.

Calidria asbestos

for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 1-7-75

Full Name Georgia Pacific Address Marietta, Georgia Mfrs. of Tape Joint Muds	Interviewed Bob Favero, Plant Manager Mr. & Mrs. Bill Nalbone (Akron, NY) John Tinker, Plant Foreman

Call made on carload user of SG-210.

Tinker advised that in the last six weeks they have seen a surge of new orders coming from Florida, and they are getting close to the old 50 order backlog that they had been accustomed to operating on. No one seems to know the reason why, but it certainly has been the first positive change in over 4 months. It is welcomed by both Georgia Pacific and the writer. The Nalbones were down here house-hunting, and Favero was planning to show them around in the afternoon. No mention was made during lunch on what this might mean for Favero, so I didn't ask the obvious, figuring that if I ought to know they should explain what is going on. Bill said that the Akron, N. Y. board plant has been shut down, and over 100 people were released. The joint cement operation will continue, but only with about 10-12 people, like this plant. The closing was the result of a variety of factors: the gypsum deposit was running out, the plant was outdated, and OSHA.

JUN 15 1973
UCC - CALIDRIA
KING CITY, CA.

Calidria asbestos

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

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

By B. L. Ingalls

Date 6/11/73

Full Name	Georgia-Pacific Corp. Bestwall Gypsum Div.	Interviewed
Address	Bloomingdale Road Akron, NY	John Rauch, Plant Mgr. (Telecon)
Mfrs. of		

Called subject to determine if they were aware of the April EPA regulations regarding asbestos. Mr. Rauch said that he was not aware of these regulations and was most appreciative of my taking the opportunity of informing him of their existence. I pointed out that our legal department had not as yet clarified the fine points of the regulations; however, it would be to their (G-P) advantage to familiarize themselves with the regulations as soon as possible in order to assure they were in compliance. John said he would attend to this as soon as possible.

I asked John if he had heard anything from OSHA regarding the most recent inspection of their plant and he said he had just heard from them by letter this week. There was no specifics in the letter except to say that the Akron plant had been found to be in violation on 9 accounts regarding asbestos use; 2 serious and 7 nonserious. They are being penalized with fines totaling $3,000. John said that the letter lends no information as to the nature of the violations and they (G-P) had not decided as yet whether to "fight it" until they have some specific information.

RECOMMENDED ACTION

BLI Follow up within a couple of weeks.

Typed 6/11/73
cjb

for: G. Vessels
R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 5-19-75

Full Name	Georgia Pacific	Interviewed	
Address	Quanah, Texas		Sterling Clark, Plant Manager
Mfrs. of	Joint Cements & Sprays		Howard Shulde, Quality Control & Tech Service

Call made on SG-210 carload user.

Sterling is the first to report in this geography that business so far this year is ahead of the same period last year, although it is still sporadic. Howard has replaced Lloyd Winter who has gone into plant production. Howard asked what, if anything, could he tell contractors re asbestos and sandings. Advised that our limited findings showed that there are regional differences and dry sandings in most cases did show a minute amount of asbestos fiber was liberated. Suggested that he try to talk any contractors who had a concern into wet sponging to avoid the possibility of any fibers becoming airborne.

GV Advised Sterling that 35 lb bags looked like the wave of the future, and asked if he could arrange to handle them. He said he would, and the next order we ship and all future orders should be in 35 lb bags. Sterling also commented that the new pallet shrink wrapping has helped considerably in dust control in their plant. KC service and dependability of on-time shipments was also brought out by Sterling.

Based on their purchase pattern so far this year and Clark's comments, their next order should come in June and they should consume 175 tons this year vs 148 last year and our '75 plan of 120.

cc for H. B. Rhodes
T. P. Norris
KC Files
NF Files

UNION CARBIDE CORPORATION

Atlanta, Georgia

By J. E. Walsh

Date 2/16/73

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Bob Favero - Plant Manager	
Mfrs. of	Tape Joint Compounds	Doug Jones - Quality Control	

Call made to meet new plant manager and bring in our April 1st price increase on SG-210 to this carload account.

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JEW;nd
Typed: 2/21/73

T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

Calidria

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

By J. E. Walsh

Date 9-27-74

Full Name Georgia Pacific Chemicals & Resins Division Address Decatur, Georgia Mfrs. of Chemicals & Resins	Interviewed Dr. L. F. Bornstein, Research Director

Call made to discuss our CALIDRIA products and determine interest in our RG600.

Dr. Bornstein is the original inventor of the 244 containing resin adhesive used by Glu-Lam in Baton Rouge. He appears well versed and sold on 244, but the market for it, unfortunately, is relatively small. He has been working on a new product containing our RG144 which will be manufactured at this plant and is about 30-60 days away from start-up. Toxicology may be a problem here as his feeling is that G-P would prefer to stay away from asbestos wherever possible due to the bad publicity. Mentioned that their Marietta plant was a carload user of our standard grade material but was rebutted with the comment that various G-P divisions operate almost like separate companies and spreading the use of asbestos within the corporation would, at this time, most likely be discouraged, not encouraged due to the bad publicity it has received. After a brief discussion on the health aspect, I promised to send Dr. Bornstein a sample of our RG100 which he feels may be a way to get around the dust problem along with all the data I have on the health and toxicology issue. If they can open and disperse the RG100 pellets he feels they will probably use them instead of 144. Offered to run a dust sampling for them when they get into production and Bornstein advised that it would be a big help and appreciated our willingness and concern to help give him the ammunition to fight the health problem he will be facing within the company.

B Bornstein has the samples and literature you sent. Nothing specific is planned for them now as the response to the ad was for academic interest only based on his prior knowledge with our 244 that UCC does interesting things with their asbestos fibers.

W Phone Bornstein 11-1 to check on how their new product is coming along; will RG100 work and how the toxicology situation stands.

cc for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 2-18-75

Full Name	Georgia Pacific	Interviewed	
Address	Decatur, Georgia		Walter Boyles, Chemist
Mfrs. of	Chemical Resins		

Call made with R. E. Byrne to discuss toxicology.

Meeting was originally set up with Dr. Bornstein, but upon arrival, we were advised that he was called out of town on an emergency. He apparently had made a gallant effort the day before to let me know he couldn't make it, but it was a holiday, and he was unable to track me down. Boyles was the man Bornstein had assigned to see us in his absence. Before getting into the toxicology discussion, I tried to probe Boyles a little to see if I could find out what the new product was that our 144 would be used in. Boyles, unfortunately, either didn't know or didn't want to say, as all he would discuss was the 244 adhesive that we already know about. R. E. Byrne then proceeded to go over the toxicology aspect of asbestos, on which Boyles seemed to have a very negative feeling initially. After the discussion, it appeared that we cleared the air on a lot of apprehensions Boyles had, having been exposed only to the publicity side of the story previously. Later in the week a 10 lb. bag of 244 was sent to them to make up a rush order for one of their customers. A telephone conversation the following Monday morning with Dr. Bornstein revealed that they are sampling an export account in South Africa with a three component system, and needed the 244 bag to send along as one of the components. They are also sampling their prospect with the finished material, ie., all three components mixed together. The prospect will try it both ways and decide which way he wants to go. If they go the component way, they will need a source of 244 in South Africa.

REB Who represents us there?

If they go the finished product route, GP will buy the 244 here in about 1000 lb. lots, according to Dr. Bornstein. If the product is made in Decatur, they will need a dust count run due to internal GP politics, and I advised Dr. Bornstein that we could provide the sampling for them.

JEW Phone Dr. Bornstein around 3-21 to see what the status of the project is.

Calidria ASBESTOS

c for

T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - N. Y.
KC Files
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UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By J. E. Walsh

Date 4/23/73

Full Name	Georgia Pacific	Interviewed
Address	Milford, Virginia	Harry Scharf - Plant Manager
Mfrs. of	Tape Joint Muds	

Call made on carload customer of SG-210 for tape joint compounds. Scharf is the former Marietta plant manager who brought in this new GP plant ahead of schedule. They have taken in two carloads since late February and canned their first mud the first week in March. They are running one shift seven days a week and behind on their orders. March's production ran 370,000 lbs. of mud. According to Scharf, all the GP plants are about 21 days behind on orders due to a shortage of raw materials mainly limestone. This plant is trying to go to a second shift but finding people is a problem. Scharf is doing all the training for his present shift personnel as he started from scratch without any experienced people. Their goal is to eventually get to three full shifts like Marietta; the plant capacity for Milford being equal to Marietta's. Marietta cans an average of 1.6 MM lbs/month of mud and uses about a carload a month of 210. At the present one shift rate, Milford will use a carload every three months. When they get to two shifts, by fall according to Scharf, it will be a car every other month and then three shifts, or full capacity, possibly by year end, a carload a month.

HBR Harry asked if we would do a count for them here as we did in Marietta and I told him we would schedule it just as soon as we had our man in the area. Harry knows Ed from the Marietta survey, so I see no reason for me to come up again.

JEW/nd
Typed: 4/30/73

c for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
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UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By J. E. Walsh

Date 10/9/73

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Bob Favero - Plant Manager	
Mfrs. of	Tape Joint Compounds	(Telecon)	

Call made to give Favero results of our 8/21/73 dust count at their plant.

All the numbers, with the exception of the operator dumping 7RF9 and 210 into the dry blender, were within the regulations. The fiber level on the personal sample dumping two 100-lb. bags of 7RF9 and three 30-lb. bags of 210 was 17.0 compared to 8.0 fibers last November when we ran our first count here. Advised Favero that the sample taken was of relatively short duration (5 minutes) and covered the asbestos handling only. He did not seem to be too alarmed and then revealed that they had been OSHA inspected last Tuesday and about an hour or so after H. B. Rhodes and I had left their plant. The OSHA inspector had called him prior to coming in and advised him he would be in for an inspection and to run a dust count. Favero was out when H. B. Rhodes and I stopped in and the plant did look a little cleaner than when I had run my count on 8/21. When the OSHA inspector arrived, Favero pulled our November dust count out of his files to show him but was told that it was nice that he had one, but it would have no bearing on either the count that would be made today or whether they would or wouldn't be cited. The inspector then went out and made a general plant inspection, coming up with a few minor items that needed to be corrected such as a sign for a low hanging railing. A sampler was then attached to Sam Gayton, the same dry-mix operator we sampled, and run from the time he began to make the batch until it was completed. Based on the samples I had taken on 8/21, the time period should be between 28-30 minutes. The OSHA sample will include not only asbestos but all the other ingredients listed in my 8/21 ROC. After completing the sampling, the inspector returned to chat with Favero and advised him that visually, it didn't look like they had a problem, but that the actual results wouldn't be known for about 30 days. The inspector advised him that he would only hear from OSHA if he had a problem. If there was no problem, he would not receive anything in writing from them that he was O.K. Favero also revealed that their Acme, Texas plant had been told by management to remove all asbestos from their dry-mix formulas and they had begun to do so. Work is still continuing on finding a substitute for asbestos in redi-mix, but to date, they still haven't come up with one. The Marietta plant has not received any instructions so far to remove asbestos from the dry-mix formula, which I believe is 100% 7RF9.

JEW/cs
Typed: 10/11/73

Calidria ASBESTOS

for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 1-7-75

Full Name Georgia Pacific Address Marietta, Georgia Mfrs. of Tape Joint Muds.	Interviewed Bob Favero, Plant Manager Mr. & Mrs. Bill Nalbone (Akron, NY) John Tinker, Plant Foreman

Call made on carload user of SG-210.

Tinker advised that in the last six weeks they have seen a surge of new orders coming from Florida, and they are getting close to the old 50 order backlog that they had been accustomed to operating on. No one seems to know the reason why, but it certainly has been the first positive change in over 4 months. It is welcomed by both Georgia Pacific and the writer. The Nalbones were down here house-hunting, and Favero was planning to show them around in the afternoon. No mention was made during lunch on what this might mean for Favero, so I didn't ask the obvious, figuring that if I ought to know they should explain what is going on. Bill said that the Akron, N. Y. board plant has been shut down, and over 100 people were released. The joint cement operation will continue, but only with about 10-12 people, like this plant. The closing was the result of a variety of factors: the gypsum deposit was running out, the plant was outdated, and OSHA.

E. J. Kiebel - Niagara Falls
T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
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Calidria

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

By J. E. Walsh

Date 8/7/74

Full Name	Georgia Pacific	Interviewed Bob Favero, Plant Manager George Fowler, Tech Service
Address	Marietta, Georgia	
Mfrs. of	Tape joint muds	

Call made on SG-210 carload account to run a dust count.

GP's mud business is way down, according to Bob, as they are now running only one shift as compared to three a year ago at this time. The carload we are shipping this month is the first since May as they now have only a 5-6 order backlog to work on compared to a 4-6 week backlog last year. An asbestos warning sign now greets you as you enter the plant, and Bob showed me the warning stickers they now put on their redi-mix cans. He also showed me some dry mix vinyl topping compound with "asbestos free" in big letters. Right now it is shipped into the Chicago area only, he said. George and I got into an interesting discussion re why they couldn't use an all 210 mud formula. George knew of no reason other than, maybe, we hadn't pushed at Tigard. After reviewing the economics now since the latest Canadian increase, it looks like we could save them 1 2/3¢/lb before figuring in the cost of limestone to make up the volume. George said his lab is all set up now, and he was going to whip up some all 210 muds, and if they are favorable, send a report to Tigard. He seemed interested in doing the work here because if it is workable, he could pick up some "brownie points" based on the amount of money he could save them.

JK The dust samples taken were as follows:

#1-41 - on 10:25 A.M.
off 10:30 A.M. — Personal sample attached to operator, Larry James, during the addition of 212 lbs of Carey 7RF-9 and 87½ lbs of SG-210.

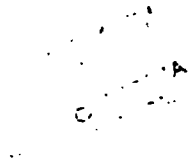
#J-15 - on 10:30 A.M.
off 10:37 A.M. — Attached to operator, Larry James, during the addition of the following ingredients to complete the makeup of all dry materials in the batch: muscovite mica 350 lbs, Gelvatol 20 lb Natrosol 37½ lbs, Calgon T 12½ lbs, Troyson 5 lbs.

#H-17 - on 10:51 A.M.
off 10:58 A.M. — repeat of sample 1-41 on the next asbestos dump.

#I-17 - on 10:58 A.M. repeat of sample J-15 on the next batch of other dry
off 11:02 A.M ingredients dumped.

EJK Please phone me the results before mailing the report to Favero.

JW Follow up on next call with Fowler re his all 210 mud work.



E. J. Kleber - Niagara Falls
B. L. Ingalls - Niagara Falls
T. P. Norris - Chicago
: for H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
~~KC~~ Files
~~NF~~ Files

CALIDRIA ASBESTOS

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

RECEIVED
SEP 10 1973
UCC - CALIDRIA
KING CITY, CA.

J.M. Anderson ☐
A. A. Andrade ☐
C. F. Grogan ☐
R. L. Grogan ☐
R. O. Hopper ☐
H. L. Seay ☐
B. E. Usrey ☐
~~E. Clark~~ ☑
D. J. Garcia ☐
G. L. Vessels ☑ your file
M. K. Wesly ☐ J. E. Walsh
File ☐

Date 8/21 & 8/22/73

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Doug Jones - Quality Control	
Mfrs. of	Tape Joint Muds		

Call made to collect another set of mixing samples and to observe the unloading condition of the six shrink-wrapped pallets of SG-210 in the car. The following samples were collected during the manufacturing of joint cement:

No. 110 - Background - Sample was hung five feet off the floor and two feet to the left of the dry blending trough and covered the period between the finish of the last batch and the mixing of dry blend ingredients for the next batch. Time on, 1:05 p.m., off 1:15 p.

No. 221 - Personal - Attached to Sam Gayton, the operator of the dry blender. Sample covers the addition of two 100-lb. bags of 7RF9 and three 30-lb. bags of SG-210. Time on 1:15 p.m., off 1:20 p.m.

No. 218 - Background - Sample was located in the same position as 110 sample and covered the period during the dumping of 200 lbs. of 7RF9 and 90 lbs. of SG-210. Time on 1:15 p.m., off 1:30 p.m.

No. 212 - Personal - Attached to Sam Gayton, the dry blend operator, during the addition of the follcwing dry ingredients to complete the batch: Mica, 350 lbs.; Gelvatol, 40 lbs.; Natrosol, 37-1/2 lbs.; Dowicil 100, 7-1/2 lbs., Calgon, 12-1/2 lbs. Time on 1:16 p.m., off 1:28 p.m.

No. 269 - Background - Sample was located in same position as 110 and run during the period starting from the end of one batch to the start of the next one. Time on 1:30 p.m., off 1:46 p.m.

No. 292 - Personal - Attached to wet mix operator Robert Huie during the mixing of the blended dry ingredients with latex and water. Time on 1:48 p.m., off 1:59 p.m.

The above samples were taken on 8/21 prior to delivery of the carload by the railroad. At about 4:30 p.m., the railroad spotted car Southern 19206 by G-P's unloading door. Doug and I tried to open the car door but it was stuck so we went to the use of a crowbar and tension chain. The best we could do was open the door about two inches, and when we did, a virtual asbestos snowstorm came blowing out the door, covering us from head to toe in white. After it stopped blowing, we looked in the door opening and saw that the problem was that the front four pallets by the door had shifted during transit and about 40 SG-210 bags were wedged against the door, preventing us from moving it. Due to the hour, we decided to forget it for the day and start in on it at 7 a.m. the next day. In the morning, with the help of an experienced fork lift driver and boxcar unloader, we finally were able to free the door after 40 minutes of time had elapsed. After removing the damaged bags in the door area, I climbed up inside the car to locate the shrink wrapped pallets. Four of them were visible in the far end of the car. Loose asbestos lay on top of every pallet in the car and five to ten pound piles were all over the door area, between pallets, on the floor and between bags. The following samples were taken:

No. 207 - Background - On 7:55 a.m., off 9:10 a.m. Located 12 feet from the floor in the middle of the car door opening. Sample was run from the time the door was opened until the work on the car was stopped.

No. 145 - Personal - On 7:45 a.m., off 9:12 a.m. Attached to John Tinker, operator unloading the car, from the time the door was opened until work on the car stopped.

After an hour's work, the doorway area was still only half cleared and our chances of getting to the shrink wrapped pallets were about a day away, according to Tinker. As the writer had to catch an 11:00 plane, it was agreed that G-P would set aside the shrink wrapped pallets when the car was finally unloaded and I would come back after Labor Day to observe what they looked like.

JEW/cs
Typed: 8/31/73

c for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
~~KC~~ Files
NF Files

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

By J. E. Walsh

Date 10/9/73

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Bob Favero - Plant Manager	
Mfrs. of	Tape Joint Compounds	(Telecon)	

Call made to give Favero results of our 8/21/73 dust count at their plant.

All the numbers, with the exception of the operator dumping 7RF9 and 210 into the dry blender, were within the regulations. The fiber level on the personal sample dumping two 100-lb. bags of 7RF9 and three 30-lb. bags of 210 was 17.0 compared to 8.0 fibers last November when we ran our first count here. Advised Favero that the sample taken was of relatively short duration (5 minutes) and covered the asbestos handling only. He did not seem to be too alarmed and then revealed that they had been OSHA inspected last Tuesday and about an hour or so after H. B. Rhodes and I had left their plant. The OSHA inspector had called him prior to coming in and advised him he would be in for an inspection and to run a dust count. Favero was out when H. B. Rhodes and I stopped in and the plant did look a little cleaner than when I had run my count on 8/21. When the OSHA inspector arrived, Favero pulled our November dust count out of his files to show him but was told that it was nice that he had one, but it would have no bearing on either the count that would be made today or whether they would or wouldn't be cited. The inspector then went out and made a general plant inspection, coming up with a few minor items that needed to be corrected such as a sign for a low hanging railing. A sampler was then attached to Sam Gayton, the same dry-mix operator we sampled, and run from the time he began to make the batch until it was completed. Based on the samples I had taken on 8/21, the time period should be between 28-30 minutes. The OSHA sample will include not only asbestos but all the other ingredients listed in my 8/21 ROC. After completing the sampling, the inspector returned to chat with Favero and advised him that visually, it didn't look like they had a problem, but that the actual results wouldn't be known for about 30 days. The inspector advised him that he would only hear from OSHA if he had a problem. If there was no problem, he would not receive anything in writing from them that he was O.K. Favero also revealed that their Acme, Texas plant had been told by management to remove all asbestos from their dry-mix formulas and they had begun to do so. Work is still continuing on finding a substitute for asbestos in redi-mix, but to date, they still haven't come up with one. The Marietta plant has not received any instructions so far to remove asbestos from the dry-mix formula, which I believe is 100% 7RF9.

JEW/cs
Typed: 10/11/73

: for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
J. W. Ross - Atlanta
W. C. Thurber - NY 38
KC Files
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Calidria ASBESTOS

UNION CARBIDE CORPORATION

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

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UCC - CALIDRIA
KING CITY, CA.

R. J. Kronkhyte
J.M. Anderson
A. A. Andrade
C. F. Cooper
R. L. Grenan
R. C. [illegible]
H. L. [illegible]
B. E. [illegible]
D. E. Clark
D. J. Garcia
G. L. [illegible]
M. K. West
File

By J. E. Walsh
Date 11/20/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, GA	Bob Favero - Plant Manager George Fowler - Technical Service
Mfrs. of	Tape Joint Compounds	

Call made to determine if they had received any feedback since their OSHA inspection and asbestos dust count.

So far, so good, according to Favero, meaning no calls or contact from OSHA since the late September inspection and count. The inspector had advised them that they had a pretty clean-looking plant and didn't anticipate that their would be any problems, but if there were, they would receive a letter in 4 to 5 weeks. With seven weeks now having passed, the general feeling here is that the OSHA asbestos count must have been within the limits, despite a copy of our count showing them to be above. Reviewed again with Favero the short sample time on our count, which could have been a contributing factor as well as the fact that I sampled asbestos only, and OSHA sampled one complete batch process, which would tend to greatly reduce the fiber level numbers due to the longer sampling time. 210 continuing to work well, and they expect to place one more carload order this year for shipment around mid-December. George Fowler is Gene O'Neill's replacement, and also has transferred from Tigard. Unlike O'Neill, who got diverted to Pre-Mix in Miami enroute, Fowler has purchased a home and is planning to stay a while. He will be responsible for all G-P tech service on tape joint compounds in the U.S. Fowler will also spend a portion of his time on R & D work. Discussed briefly the work we were doing with their Akron, N. Y. people on pelletized and/or slurried asbestos to help overcome the OSHA problem they had encountered. This would be the type of R & D work that Fowler would be involved in and he will touch base with Bill Nalbone to see how it is coming along. A package on the health aspect of asbestos was requested and will be prepared and sent to him

JW Be sure to check with Fowler on each future call here.

JEW/cs
Typed: 11/20/73

E. J. Kleber - Niagara Falls
T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

Calidria

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

By J. E. Walsh

Date 8/7/74

Full Name	Georgia Pacific	Interviewed Bob Favero, Plant Manager George Fowler, Tech Service
Address	Marietta, Georgia	
Mfrs. of	Tape joint muds	

Call made on SG-210 carload account to run a dust count.

GP's mud business is way down, according to Bob, as they are now running only one shift as compared to three a year ago at this time. The carload we are shipping this month is the first since May as they now have only a 5-6 order backlog to work on compared to a 4-6 week backlog last year. An asbestos warning sign now greets you as you enter the plant, and Bob showed me the warning stickers they now put on their redi-mix cans. He also showed me some dry mix vinyl topping compound with "asbestos free" in big letters. Right now it is shipped into the Chicago area only, he said. George and I got into an interesting discussion re why they couldn't use an all 210 mud formula. George knew of no reason other than, maybe, we hadn't pushed at Tigard. After reviewing the economics now since the latest Canadian increase, it looks like we could save them 1 2/3¢/lb before figuring in the cost of limestone to make up the volume. George said his lab is all set up now, and he was going to whip up some all 210 muds, and if they are favorable, send a report to Tigard. He seemed interested in doing the work here because if it is workable, he could pick up some "brownie points" based on the amount of money he could save them.

IK The dust samples taken were as follows:

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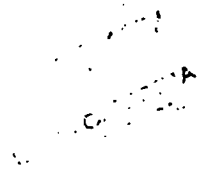
#I-17 - on 10:58 A.M. repeat of sample J-15 on the next batch of other dry
off 11:02 A.M ingredients dumped.

EJK Please phone me the results before mailing the report to Favero.

JW Follow up on next call with Fowler re his all 210 mud work.



Calidria asbestos

: for T. P. Norris
W. C. Thurber
J. E. Walsh
KC-File ✓
NF-File
H. B. Rhodes
B. L. Ingalls

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

End Use: Phenolic Adhesive

By R. E. Byrne, Jr. & T. P. Norris

Date 5/16/73

Full Name	Georgia-Pacific	Interviewed
Address	1975 Watkins Road Columbus, Ohio 43207 (614) 491-9100	Pete Herault
Mfrs. of		

OBJECTIVE

Introductory call.

DISCUSSION

Georgia-Pacific has developed and patented a resorcinol glue, GP-117 Resi-Lam, used for laminating wooden beams, trusses, etc. They feel it has very large potential. It is a two-part system containing about 3-4% RG-244. It is machine applied (curtain coated) and 244 contributes to flow control and initial tack. The likely production areas for this product and contact at each location are as follows:

1. Lufkin, Texas - Sid Gholson, Area Manager
2. Coos Bay, Oregon - Don Koppa, Lab Manager
3. Albany, Oregon - Joe Dede, Lab Manager
4. Crossett, Arkansas - J. C. Gunnels, Lab Manager
5. Columbus, Ohio - P. Herault, Lab Manager

All of these locations should be actively pursued and all of the people listed are aware of this product. A copy of their disclosure of this product and its application is attached.

Pete Herault waxed poetic on the virtues of 244 in this application and, in fact, said it is the only thixotrope which they have found to give the desired combination of effects. However, he did say that they are interested in finding a lower cost material if possible. Should his estimates for large-

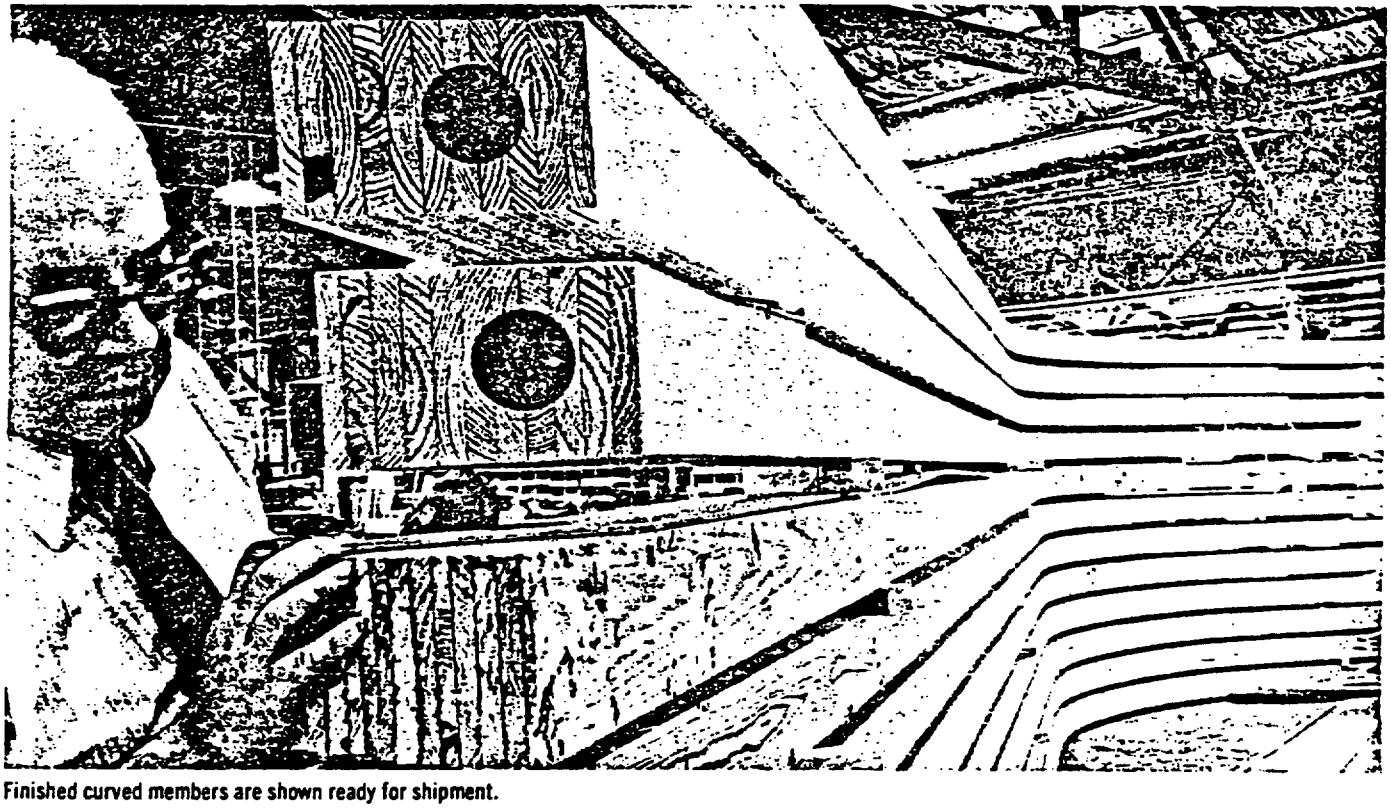
scale use develop, they would prefer our providing RG-244 in plain, unmarked bags. We said that this would be feasible at present only in CL quantities from King City. However, we did say that we would be willing to try to work out an amenable solution as soon as they can provide accurate usage figures. We also said we might package in their bags at sufficiently large volumes.

We left a MSD sheet, OSHA regulation and an asbestos fact sheet and agreed to send Pete a copy of "The Safe Use of RG-244."

We should be calling not only at the above listed G-P installations but other related accounts such as Forest Service Labs, Weyerhauer and wherever similar application seem to exist even though the applications may not be identical. Some of these other applications, for example, seem to involve different concepts such as gap filling capabilities and instant bonding. The G-P application, on the other hand, is largely a hairline glue joint and some short time in a high-pressure press. The times involved. however, are minutes rather than hours.

Typed 5/18/73
cjb

Laminated Wood Used to Construct $9 Million Commercial Complex



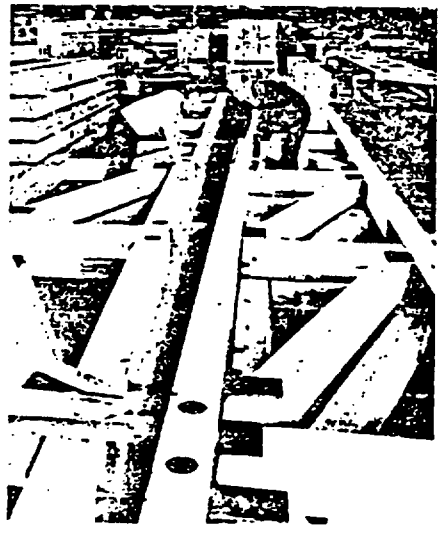
Finished curved members are shown ready for shipment.

The Exchange is a 245,000-square-foot commercial center at Farmington, Conn., which is part of a "total living" community known as Talcott Village. Designed by Warren Callister and August Rath of Tiburon, Calif., the $9 million center is constructed almost entirely of wood, with laminated trusses as long as 75 feet.

"We wanted to maintain the rustic atmosphere of Talcott Village," said Don Wild, head of the structural department of James S. Minges & Associates, consulting engineers, "and wood was the logical choice."

The job of providing laminated beams, columns and trusses to rigid specifications went to Unadilla Laminated Products (Una-Lam), at Unadilla, N.Y., 200 miles from the construction site. At Una-Lam, Arkansas pine is kiln dried to 10 to 12 per cent moisture content, converted into laminated beams as thick as 13½ inches for The Exchange, using Georgia-Pacific GP-117 Resi-Lam phenolic resorcinol glue for a lasting chemical weld.

Well in excess of one-million board feet of laminated material and one-million board feet of decking materials will be in ser-



Trusses are readied for delivery to The Exchange at Farmington, Conn.

Reprinted from ADHESIVES AGE, December, 1972

c for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
J. W. Ross - Atlanta
W. C. Thurber - NY 38
KC Files
NF Files

Calidria ASBESTOS

UNION CARBIDE CORPORATION

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

RECEIVED
NOV 26 1973
UCC - CALIDRIA
KING CITY, CA.

R. J. Kronkhyte
J.M. Anderson
A. A. Andrade
C. F. Cogan
R. L. Grogan
R. O. Hooper
H. L. Seay
B. E. Urrey
D. E. Clark
D. J. Garcia
G. L. Vessels
M. K. West
File

By J. E. Walsh
Date 11/20/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, GA	Bob Favero - Plant Manager George Fowler - Technical Service
Mfrs. of	Tape Joint Compounds	

Call made to determine if they had received any feedback since their OSHA inspection and asbestos dust count.

So far, so good, according to Favero, meaning no calls or contact from OSHA since the late September inspection and count. The inspector had advised them that they had a pretty clean-looking plant and didn't anticipate that their would be any problems, but if there were, they would receive a letter in 4 to 5 weeks. With seven weeks now having passed, the general feeling here is that the OSHA asbestos count must have been within the limits, despite a copy of our count showing them to be above. Reviewed again with Favero the short sample time on our count, which could have been a contributing factor as well as the fact that I sampled asbestos only, and OSHA sampled one complete batch process, which would tend to greatly reduce the fiber level numbers due to the longer sampling time. 210 continuing to work well, and they expect to place one more carload order this year for shipment around mid-December. George Fowler is Gene O'Neill's replacement, and also has transferred from Tigard. Unlike O'Neill, who got diverted to Pre-Mix in Miami enroute, Fowler has purchased a home and is planning to stay a while. He will be responsible for all G-P tech service on tape joint compounds in the U.S. Fowler will also spend a portion of his time on R & D work. Discussed briefly the work we were doing with their Akron, N. Y. people on pelletized and/or slurried asbestos to help overcome the OSHA problem they had encountered. This would be the type of R & D work that Fowler would be involved in and he will touch base with Bill Nalbone to see how it is coming along. A package on the health aspect of asbestos was requested and will be prepared and sent to him

JW Be sure to check with Fowler on each future call here.

JEW/cs
Typed: 11/20/73

R. E. Byrne - Niagara Falls
CC: T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

Calidria

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

By J. E. Walsh

Date 9-27-74

Full Name Georgia Pacific Chemicals & Resins Division Address Decatur, Georgia Mfrs. of Chemicals & Resins	Interviewed Dr. L. F. Bornstein, Research Director

Call made to discuss our CALIDRIA products and determine interest in our RG600.

Dr. Bornstein is the original inventor of the 244 containing resin adhesive used by Glu-Lam in Baton Rouge. He appears well versed and sold on 244, but the market for it, unfortunately, is relatively small. He has been working on a new product containing our RG144 which will be manufactured at this plant and is about 30-60 days away from start-up. Toxicology may be a problem here as his feeling is that G-P would prefer to stay away from asbestos wherever possible due to the bad publicity. Mentioned that their Marietta plant was a carload user of our standard grade material but was rebutted with the comment that various G-P divisions operate almost like separate companies and spreading the use of asbestos within the corporation would, at this time, most likely be discouraged, not encouraged due to the bad publicity it has received. After a brief discussion on the health aspect, I promised to send Dr. Bornstein a sample of our RG100 which he feels may be a way to get around the dust problem along with all the data I have on the health and toxicology issue. If they can open and disperse the RG100 pellets he feels they will probably use them instead of 144. Offered to run a dust sampling for them when they get into production and Bornstein advised that it would be a big help and appreciated our willingness and concern to help give him the ammunition to fight the health problem he will be facing within the company.

REB Bornstein has the samples and literature you sent. Nothing specific is planned for them now as the response to the ad was for academic interest only based on his prior knowledge with our 244 that UCC does interesting things with their asbestos fibers.

JW Phone Bornstein 11-1 to check on how their new product is coming along; will RG100 work and how the toxicology situation stands.

: T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
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CALIDRIA

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

By J. E. Walsh

Date 9-27-74

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:B Bornstein has the samples and literature you sent. Nothing specific is planned for them now as the response to the ad was for academic interest only based on his prior knowledge with our 244 that UCC does interesting things with their asbestos fibers.

W Phone Bornstein 11-1 to check on how their new product is coming along; will RG100 work and how the toxicology situation stands.

CUSTOMER CALL REPORT

CUSTOMER & LOCATION: Georgia Pacific Corp. Albany, Ore

INDUSTRY CLASSIFICATION: Phenolic Adhesives

SALESMAN: R. E. Byrne / T. P. Norris

REGION: Western

DATE OF CALL: 1-13-76

PRODUCTS DISCUSSED:

Cr	Mn	Spec.	Si	CaC_2	W	V	Asb.	Other:
☐	☐	☐	☐	☐	☐	☐	☒	

PERSONS INTERVIEWED: Joe Dede, Quality Control Manager

CALL OBJECTIVE: To overcome the Toxicology problem on using RG 244.

RESULTS OF CALL:

J.E.W.

They have an active interest in using RG 244, have had a trial at their Coos Bay, Ore, plant that was not successful, but its failure was not asbestos related/ Joe is in favor of using RG 244 but suggest we can further our cause by talking to Dr. L. S. Bornstein at their Atlanta, Ga, Central Development Labs. Meeting the OSHA regulations was also discussed and we offered the usual dust count service. Should the project take off, several plants would be involved including, Coos Bay, Or. Columbus, Ohio, Conway, N.C. and Decatur, Ga.

FOLLOW-UP ACTION REQUIRED:

Dr. Bornstein should be contacted, and we will continue working with the Albany and Coos Bay plants.

COPIES TO: Gen'l. Sales Mgr. (2); Mktg. Services; Others: WCT; JEL; RC-File; RP-File C.E.B., R. L. Schult, J. E. Lenahan, J. R. Lockhart

Calidria

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

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

By G. L. Dickson with E. J. Kleber

Date 7/31/74

Full Name	Georgia Pacific Corp. Milford, VA	Interviewed
Address		Harry Scharf - Plant Manager
Mfrs. of	Ready-Mix Tape Joint Compounds	

OBJECTIVE

Take dust samples plus routine semiannual visit.

OBSERVATIONS

Air samples obtained by EJK which will be analyzed and reported.

Business is down, running at about 60% of plant capacity. No indication of how long this will last. Two men quit and so their production force now consists of about 7 men. SG-210 being added at 30 pounds per batch versus 78 pounds for Canadian 7TF9. Harry did not have a 210 inventory but it looks like it should be adequate for the next few months. My guesstimate is that they will only need one car more this year.

ACTION

None at this time. However, I think we should make another attempt to get their R&D people to increase the SG-210 content of their TJC's if at all possible. The latest Canadian price change should be of some help in doing this.

Typed 8/5/74
cjb

Calidria ASBESTOS

.c for

E. J. Kleber - Niagara Falls
T. P. Norris Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

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

J.M. Anderson
A. A. Anderson
C. R. [illegible]
R. [illegible]
R. C. [illegible]
H. L. [illegible]
B. E. [illegible]
D. E. [illegible]
D. J. Garcia
G. L. Vessels
M. K. West

By J. E. Walsh
Date 7/31/73

Full Name	Georgia Pacific	interviewed
Address	Marietta, Georgia	Bob Favero - Plant Manager Doug Jones - Quality Control
Mfrs. of	Tape Joint Muds	

Call made to run dust count per their request. The following is the data on the samples taken which have been forwarded to E. J. Kleber's attention for counting.

Sample No.	Sample Time		
139	125 min.	-	Sample was attached to John Tinker, plant foreman, during his normal travels around the plant. It was felt that Tinker would be the most logical person who, during his work day, would cover all areas in the plant.
210	7 min.	-	Personal sample on James Conner during redi-mix operation where H_2O, latex and blended dry ingredients are mixed on five foot high platform.
6	6 min.	-	Exact repeat of sample 210 on next batch made to give us duplicate results to compare count levels.
225	7 min.	-	Background sample directly behind the wet mix platform area 10 feet above the floor. Sample taken during one complete batch mixing of water, latex and blended dry ingredients. A noticeable puff of dust is generated when dry ingredients are dropped into the tank.
216	7 min.	-	Personal sample on Gary Dellorso during the mixing of dry asbestos ingredients only. Two 100-lb. bags RF9 and three 30-lb. bags of SG-210 were added to dry mix trough with overhead dust collector.

Sample No.	Sample Time		
241	4 min.	-	Personal sample on Gary Delorso during the addition of the balance of dry mix materials. Materials added were 350 lbs. mica, 40 lbs. PVA, 37-1/2 lbs. Natrosol.
219	11 min.	-	Exact repeat of sample 216 on next batch to give us duplicate results to compare count levels. Asbestos ingredients only.
206	5 min.	-	Exact repeat of sample 241 on next batch to give us duplicate results to compare count levels. Other dry ingredients only.
198	18 min.	-	Background sample during mixing of all dry ingredients. Located two feet to the left of the trough and five feet above the floor. Slight amount of dust was noticeable that trough overhead dust collector did not take out.
130	37 min.	-	Background sample located in same area as sample 198 and taken during the period directly after the last batch of dry ingredients were mixed and up to the start of the next batch mixing cycle.

Some interesting comments picked up during the day were that Gene O'Neill from Tigard is due to report in here August 1 and will be their Q.C. and R & D head for tape joint muds in the Southeast. Hank Peal, located in Wilmington, Delaware, is G-P's Eastern Regional Manager for Safety and all OSHA and EPA regulations. Jones phoned Peal after the count was done and discussed the cost of the equipment needed to run spot counts in the future, and it looks like Marietta will get the O.K. to buy one. G-P may have solved the problem of an asbestos replacement in dry-mix muds but are at a dead end for one in redi-mix muds.

During the mixing of asbestos dry ingredients, the bags of 210 on the pallet used were dirty, in some cases torn, and with visible asbestos evident, laying between the bags throughout the pallet. The 7RF9 bags from the pallet being used were, unfortunately, all clean and untorn, and loose asbestos was not evident.

JEW/cs
Typed: 8/1/73

Saw

for: H. B. Rhodes - Niagara Falls
R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files ✓

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

By J. E. Walsh

Date 5-6-75

Full Name	Georgia Pacific	Interviewed
Address	Decatur, Georgia	Dr. Bornstein, Research Director
Mfrs. of	Chemical Resins	

Call made with H. B. Rhodes to update Bornstein on toxicology.

Before getting into the dark side of our business, Bornstein was probed on where they were on their new product line containing either 144 or 244. He advised that they had decided to use 244, as they found it to be more efficient and they can use less of it. The product is a two component adhesive that will be thermoset between panels. It is a completely different material from the original plywood adhesive containing 244 that Bornstein invented for Georgia Pacific. This is also his baby, and although they still recommend silica over asbestos to their customers, he is committed to 244 for this product line. They have decided to add the 244 at their plant locations, and thereby take the OSHA asbestos question out of the hands of their customers. Dr. Bornstein expects that they will begin plant production of the new adhesive anywhere between 3-6 months from now with the first GP plant beginning to use it located in Conway, North Carolina. Other GP plant users will be in Lufkin, Texas and Crossett, Arkansas. I guess you have to go where the wood is, but most of the plant locations are in the wilds and will be a challenge to try and cover. Bornstein advised that GP has 17 plants across the country capable of making the adhesive, but most likely only 12 of them will.

Dr. Rhodes proceeded to input to the good doctor the toxicology and regulatory story on 244, and a copy of our February 1 paper on the subject will be sent to him. Dr. Bornstein will be fighting the internal toxicology issue for us, and our hope is that we got through clearly enough to him during the discussion with enough ammunition for him to do it. We also offered to run dust monitorings at their various plants as they begin to produce the new adhesive.

JEW

Phone Dr. Bornstein around 8-15 to see how the project is going.

E. J. Kleber - Niagara Falls
for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
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UNION CARBIDE CORPORATION
P.O. Box 579 Niagara Falls, N.Y. 14302

By J. E. Welsh

Date 5-6-75

Full Name	Ruco of Atlanta	Interviewed	
Address	Atlanta, Georgia	Bob Mueller, Plant Manager	
Mfrs. of	Joint Cements & Sprays	Rick Ru, Plant Manager (Kansas City)	

Call made with H. B. Rhodes to run a dust count.

Rick Ru from the KC plant was in running an audit and also going through the plant, apparently looking for possible OSHA-type violations. Rick advised that their Kansas City plant had been inspected by OSHA about two weeks ago and had received a few citations. OSHA also had about 10 samplers and put them on various people in the plant to measure the asbestos fiber levels. The inspector advised Rick that the samples would be sent to Salt Lake City to be read. The inspector also suggested a few ways for them to better control dust, and Rick is planning to make them. No mention was made by either Rick or us about medical exams, and I can only assume that the question never came up. Rick also was never questioned by the inspector about having a prior monitoring. All in all the attitude seems to be that they have had the inspection, have some changes to make which they will, and will continue to use asbestos. Discussed with Rick the T-135 substitution vs TiO_2 and 7MS1 in their ceiling sprays, as a few of our customers have formulated it in, and Rick will pick up the 4 bag sample next week at Murco and bring it back to KC for a plant trial. Also emphasized to Rick not to forget that the carload of 210 enroute to KC now is 35 lb bags, not 30 lb bags, as used here. He will also be replacing 7RF9, and 210 was found to be 40% more effective here, so he will use this percentage number when recalculating the pounds he will need in his formula, and also taking into account the 35 lb bags. Bob Mueller advised that they are down to less than half a truckload, so we should get another truckload order before the end of this month. They continue to be very pleased with both the improved quality of their mud since switching to 210, and the availability of local stock that they can pick up in their trucks.

EJK Suggest you give Rick a call in a couple of weeks to see how his 210 and T-135 plant trials went. He also could use some info on dust counting equipment needed to run periodic monitorings at their plants.

HBR If all the count numbers are OK please mail the report direct to Bob Mueller. If not, please mail it to me.

:c for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 1-7-75

Full Name Georgia Pacific Address Marietta, Georgia Mfrs. of Tape Joint Muds.	Interviewed Bob Favero, Plant Manager Mr. & Mrs. Bill Nalbone (Akron, NY) John Tinker, Plant Foreman

Call made on carload user of SG-210.

Tinker advised that in the last six weeks they have seen a surge of new orders coming from Florida, and they are getting close to the old 50 order backlog that they had been accustomed to operating on. No one seems to know the reason why, but it certainly has been the first positive change in over 4 months. It is welcomed by both Georgia Pacific and the writer. The Nalbones were down here house-hunting, and Favero was planning to show them around in the afternoon. No mention was made during lunch on what this might mean for Favero, so I didn't ask the obvious, figuring that if I ought to know they should explain what is going on. Bill said that the Akron, N. Y. board plant has been shut down, and over 100 people were released. The joint cement operation will continue, but only with about 10-12 people, like this plant. The closing was the result of a variety of factors: the gypsum deposit was running out, the plant was outdated, and OSHA.

M-2

: T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
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Calidria

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

By J. E. Walsh

Date 8/12/74

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	George Fowler, Technical Service
Mfrs. of	Tape joints muds & sprays	

Call made with J. L. Myers on carload customer of SG-210.

Reviewed again with George all the merits and economics of using an all SG-210 mud instead of the Canadian-210 blend that they historically have used. George seemed quite enthused to continue his lab work which he has just started and to report the results to his people in Tigard. He again reaffirmed that our best bet and efforts should be spent at the Tigard plant. Anyway, George has promised to do the work for us and, if favorable, write a report to his boss, Bill Gettle, out in Tigard. J. L. Myers went into a short discussion with Fowler on the mertis of the all 210 formula and also brought up our T-135. George again referred us to Don Klus at their Tigard plant. John and I then got the 50¢ plant tour, and the asbestos-free vinyl topping compound was pointed out along with the asbestos caution stickers that they now put on their redi-mix mud. A big sign greeted us on our way in the door with the typical asbestos caution warning. The asbestos caution stickers and signs are a result of AGP management decision.

JPN When you get a chance to get out to Tigard, the two people mentioned in this report are the people you should be talking with.

JW Continue to follow up with George on next call re his work with the all 210 formula.

R. E. Byrne - Niagara Falls

: T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
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Calidria

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

By J. E. Walsh

Date 9-27-74

Full Name Georgia Pacific Chemicals & Resins Division Address Decatur, Georgia Mfrs. of Chemicals & Resins	Interviewed Dr. L. F. Bornstein, Research Director

Call made to discuss our CALIDRIA products and determine interest in our RG600.

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REB Bornstein has the samples and literature you sent. Nothing specific is planned for them now as the response to the ad was for academic interest only based on his prior knowledge with our 244 that UCC does interesting things with their asbestos fibers.

JW Phone Bornstein 11-1 to check on how their new product is coming along; will RG100 work and how the toxicology situation stands.

c for H. B. Rhodes
T. P. Norris
KC Files
NF Files

UNION CARBIDE CORPORATION

Atlanta, Georgia

FEB 26 1973
UCC - CALIDRIA
KING CITY, CA.

By J. E. Walsh

Date 2/16/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	Bob Favero - Plant Manager
Mfrs. of	Tape Joint Compounds	Doug Jones - Quality Control

Call made to meet new plant manager and bring in our April 1st price increase on SG-210 to this carload account.

Bob Favero came from their Brunswick, Georgia Gypsum board plant and succeeded Harry Scharf who was sent to Milford, Virginia to open a new tape joint plant there. Reviewed the dust count data on their survey and the regulations with Favero and my brief background on their Marietta plant in so far as SG-210 was concerned. We went out into the plant and talked with two or three operators concerning the over and under weight bag problem they had experienced on an early January delivery and were informed by the men that the bags from the last car were okay ie 30 lbs net. Discussed the increase of 1/2¢ pound on SG-210 effective April 1, 1973 and our reasons for it. In equating the increase to his total formulation cost it works out to about a little less than 6% based on his 1/3 210, 2/3 Canadian mix. This seemed to soften the blow a little bit and the only response I received from Favero was that perhaps he should order an extra car at the end of March. My initial impression of both Favero and his feelings about the price increase are that they have come to live with increases; the SG-210 is not a major item in their formulation and will only mean a slight increase in their raw material cost. He will advise his home office of the increase and continue to buy 210. My next call here will reveal if my reading of their initial response to the increase was accurate as they will have had time to think about it and discuss it with the home office.

The all 210 mud sample we left with in November has been sent to Tigard but to date Doug Jones has not received any comments from them on it. They were supposed to run tests on it and Jones will check and find out what the status is on it and let me know.

JEW:nd
Typed: 2/21/73

cc to: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 2-18-75

Full Name	Georgia Pacific	Interviewed
Address	Decatur, Georgia	Walter Boyles, Chemist
Mfrs. of	Chemical Resins	

Call made with R. E. Byrne to discuss toxicology.

Meeting was originally set up with Dr. Bornstein, but upon arrival, we were advised that he was called out of town on an emergency. He apparently had made a gallant effort the day before to let me know he couldn't make it, but it was a holiday, and he was unable to track me down. Boyles was the man Bornstein had assigned to see us in his absence. Before getting into the toxicology discussion, I tried to probe Boyles a little to see if I could find out what the new product was that our 144 would be used in. Boyles, unfortunately, either didn't know or didn't want to say, as all he would discuss was the 244 adhesive that we already know about. R. E. Byrne then proceeded to go over the toxicology aspect of asbestos, on which Boyles seemed to have a very negative feeling initially. After the discussion, it appeared that we cleared the air on a lot of apprehensions Boyles had, having been exposed only to the publicity side of the story previously. Later in the week a 10 lb. bag of 244 was sent to them to make up a rush order for one of their customers. A telephone conversation the following Monday morning with Dr. Bornstein revealed that they are sampling an export account in South Africa with a three component system, and needed the 244 bag to send along as one of the components. They are also sampling their prospect with the finished material, ie., all three components mixed together. The prospect will try it both ways and decide which way he wants to go. If they go the component way, they will need a source of 244 in South Africa.

REB Who represents us there?

If they go the finished product route, GP will buy the 244 here in about 1000 lb. lots, according to Dr. Bornstein. If the product is made in Decatur, they will need a dust count run due to internal GP politics, and I advised Dr. Bornstein that we could provide the sampling for them.

JEW Phone Dr. Bornstein around 3-21 to see what the status of the project is.

Calidria ASBESTOS

c 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 B. L. Ingalls

Date 6/25/73

Full Name	Georgia-Pacific Corporation Bestwall Division	Interviewed	
Address	Akron, NY	Mr. Bill Nalbone, QC Supervisor	
Mfrs. of		(Telecon)	

I called John Rauch, plant manager of subject company, to discover the latest status of their citation by OSHA. However, I learned that Mr. Rauch is at their Portland headquarters attending a plant managers' meeting for the duration of the week. Subsequently, I talked to Mr. Nalbone, QC supervisor. According to Nalbone, they were cited by OSHA for exceeding allowable threshold limits and a multitude of other sins which appear by his comments to encompass just about the entire asbestos regulations. The infringements included inadequate housekeeping, improper ventilation, lack of respirators for personnel, lack of warning signs, inadequate facilities for bag and waste disposal. They were also cited for not having regular programs for dust monitoring and medical examinations and record keeping. They were told it would be necessary to have a change of uniforms for their employees on a daily basis and adequate change facilities.

Nalbone commented that one of the purposes of Mr. Rauch's meeting in Oregon is to determine G-P's course of action with regard to the citation and appropriate measures for compliance. One alternative that is presently being considered is installation of a new plant. Apparently, it may be more advantageous for G-P to build a new plant rather than to make the necessary modifications in their existing old facilities at Akron. They are also considering the possibility of alternatives for asbestos in their TJ formulations, however, by the time of Nalbone's comments, this is considered to be some distance in the future if a feasibility.

RECOMMENDED ACTION

BLI Maintain close contact with Mr. Rauch and Mr. Nalbone over the next several months.

Typed 6/29/73
cjb

RECEIVED
JUN 15 1973
UCC - CALIDRIA
KING CITY, CA.

Calidria asbestos

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

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

By B. L. Ingalls

Date 6/11/73

Full Name	Georgia-Pacific Corp. Bestwall Gypsum Div.	Interviewed
Address	Bloomingdale Road Akron, NY	John Rauch, Plant Mgr. (Telecon)
Mfrs. of		

Called subject to determine if they were aware of the April EPA regulations regarding asbestos. Mr. Rauch said that he was not aware of these regulations and was most appreciative of my taking the opportunity of informing him of their existence. I pointed out that our legal department had not as yet clarified the fine points of the regulations; however, it would be to their (G-P) advantage to familiarize themselves with the regulations as soon as possible in order to assure they were in compliance. John said he would attend to this as soon as possible.

I asked John if he had heard anything from OSHA regarding the most recent inspection of their plant and he said he had just heard from them by letter this week. There was no specifics in the letter except to say that the Akron plant had been found to be in violation on 9 accounts regarding asbestos use; 2 serious and 7 nonserious. They are being penalized with fines totaling $3,000. John said that the letter lends no information as to the nature of the violations and they (G-P) had not decided as yet whether to "fight it" until they have some specific information.

RECOMMENDED ACTION

BLI Follow up within a couple of weeks.

Typed 6/11/73
cjb

: for

T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - N. Y.
KC Files/
NF Files

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

By J. E. Walsh

Date 4/23/73

Full Name	Georgia Pacific	Interviewed
Address	Milford, Virginia	Harry Scharf - Plant Manager
Mfrs. of	Tape Joint Muds	

Call made on carload customer of SG-210 for tape joint compounds. Scharf is the former Marietta plant manager who brought in this new GP plant ahead of schedule. They have taken in two carloads since late February and canned their first mud the first week in March. They are running one shift seven days a week and behind on their orders. March's production ran 370,000 lbs. of mud. According to Scharf, all the GP plants are about 21 days behind on orders due to a shortage of raw materials mainly limestone. This plant is trying to go to a second shift but finding people is a problem. Scharf is doing all the training for his present shift personnel as he started from scratch without any experienced people. Their goal is to eventually get to three full shifts like Marietta; the plant capacity for Milford being equal to Marietta's. Marietta cans an average of 1.6 MM lbs/month of mud and uses about a carload a month of 210. At the present one shift rate, Milford will use a carload every three months. When they get to two shifts, by fall according to Scharf, it will be a car every other month and then three shifts, or full capacity, possibly by year end, a carload a month.

HBR

Harry asked if we would do a count for them here as we did in Marietta and I told him we would schedule it just as soon as we had our man in the area. Harry knows Ed from the Marietta survey, so I see no reason for me to come up again.

JEW/nd
Typed: 4/30/73

Calidria asbestos

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

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

By G. L. Dickson with E. J. Kleber

Date 7/31/74

Full Name	Georgia Pacific Corp. Milford, VA	Interviewed
Address		Harry Scharf - Plant Manager
Mfrs. of	Ready-Mix Tape Joint Compounds	

OBJECTIVE

Take dust samples plus routine semiannual visit.

OBSERVATIONS

Air samples obtained by EJK which will be analyzed and reported.

Business is down, running at about 60% of plant capacity. No indication of how long this will last. Two men quit and so their production force now consists of about 7 men. SG-210 being added at 30 pounds per batch versus 78 pounds for Canadian 7TF9. Harry did not have a 210 inventory but it looks like it should be adequate for the next few months. My guesstimate is that they will only need one car more this year.

ACTION

None at this time. However, I think we should make another attempt to get their R&D people to increase the SG-210 content of their TJC's if at all possible. The latest Canadian price change should be of some help in doing this.

Typed 8/5/74
cjb

c for: G. Vessels
R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 5-19-75

Full Name	Georgia Pacific	Interviewed	
Address	Quanah, Texas	Sterling Clark, Plant Manager	
Mfrs. of	Joint Cements & Sprays	Howard Shulde, Quality Control & Tech Service	

Call made on SG-210 carload user.

Sterling is the first to report in this geography that business so far this year is ahead of the same period last year, although it is still sporadic. Howard has replaced Lloyd Winter who has gone into plant production. Howard asked what, if anything, could he tell contractors re asbestos and sandings. Advised that our limited findings showed that there are regional differences and dry sandings in most cases did show a minute amount of asbestos fiber was liberated. Suggested that he try to talk any contractors who had a concern into wet sponging to avoid the possibility of any fibers becoming airborne.

GV Advised Sterling that 35 lb bags looked like the wave of the future, and asked if he could arrange to handle them. He said he would, and the next order we ship and all future orders should be in 35 lb bags. Sterling also commented that the new pallet shrink wrapping has helped considerably in dust control in their plant. KC service and dependability of on-time shipments was also brought out by Sterling.

Based on their purchase pattern so far this year and Clark's comments, their next order should come in June and they should consume 175 tons this year vs 148 last year and our '75 plan of 120.

: for O. J. Malacarne/V. D. Holt
T. P. Norris
W. C. Thurber
KC - File
NF - File

Calidria ASBESTOS

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

R. J. Kronkhyte
J.M. Anderson
A. A. Andrade
C. F. Grogan
R. L. Grogan
R. O. Hagner
H. [illegible]
B. E. [illegible]
D. E. Clark
D. J. Garcia
G. L. Vessels
M. K. West
File

By J. L. Myers with
E. J. Kleber
Date July 17, 1973

Full Name Georgia-Pacific Corporation Address Akron, NY Mfrs. of Tel. 542-5431	Interviewed W. Nalbone, Chemist J. D. Rauch, Plant Manager John DiLorenzo, Chief Eng.(Corporate from Portland, OR) Earl Harvey, Consulting Engineer

I visited the plant to discuss their recent OSHA citation and problems with compliance. This was done at the request of Mr. DiLorenzo. Ed Kleber accompanied me and obtained several dust samples at Mr. Rauch's request.

Georgia-Pacific was cited for several asbestos violations and was fined $3000. They have until July 27 to present a plan and timetable to reach compliance. They wanted to review our knowledge of the standards, our dust counting experience, and our plant compliance status.

I left with them our drawing numbers 241-344 and 241-345 depicting our bagging enclosure arrangement. We discussed this operation and I have alerted F. H. Larrison that Mr. DiLorenzo may visit our plant in the near future. I left samples of SG-200X and RG-100 for their lab evaluation and a sample of SG-200X has been sent to E. O'Neill at their Tigard R&D center. We briefly discussed bulk handling and the economics of pellets in bags or bulk but they cannot solve their immediate problem with pellets.

I discussed T-135-0 for spray textures with Nalbone; and, although they are trying to remove asbestos, he seemed interested and a sample will be sent. He said he had not heard of T-135-0 before.

Mr. Harvey is familiar with several of our engineering personnel and may contact O. J. Malacarr to discuss our dust control equipment. He has apparently designed a system which Georgia-Pacific is "going with" for OSHA.

Ed obtained samples during ready-mix preparation. They are expecting another OSHA inspection on July 30 and wanted data on this operation. We advised Mr. Rauch that a car containing six test pallets (tuck-in sleeves with shrink-film) of SG-210 would be sent to them later

Dick/Bob - In case this guy should show up when I'm not here it is ok - he wants to look at bagging room enclosures - [illegible]

this month. We observed several different dusty products packaged with tuck-in sleeves, including Carey 7RF9, and all of the sleeves were filled with material and "dribbling." The OSHA dust warning is in small print (same as bag manufacturer's data) on the back of Carey's bags - definitely not prominent.

ACTION

B. L. Ingalls — Follow-up with Nalbone on T-135-0 and pellet samples. Advise Rauch when car with test pallets leaves King City, arrange for inspection and dust sampling during unloading at Akron.

O. J. Malacarne/F. H. Larrison — Be prepared for visits and/or calls.

E. J. Kleber — Report dust sample results.

J. L. Myers — Prepare comments on their citation and distribute as appropriate.

Typed 7/18/73
/ds

Calidria ASBESTOS

for T. P. Norris
W. C. Thurber
J. E. Walsh
KC-File ✓
NF-File
H. B. Rhodes
B. L. Ingalls

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

End Use: Phenolic Adhesive

R. E. Byrne, Jr. &
By T. P. Norris

Date 5/16/73

Full Name	Georgia-Pacific	Interviewed
Address	1975 Watkins Road Columbus, Ohio 43207 (614) 491-9100	Pete Herault
Mfrs. of		

OBJECTIVE

Introductory call.

DISCUSSION

Georgia-Pacific has developed and patented a resorcinol glue, GP-117 Resi-Lam, used for laminating wooden beams, trusses, etc. They feel it has very large potential. It is a two-part system containing about 3-4% RG-244. It is machine applied (curtain coated) and 244 contributes to flow control and initial tack. The likely production areas for this product and contact at each location are as follows:

1. Lufkin, Texas - Sid Gholson, Area Manager
2. Coos Bay, Oregon - Don Koppa, Lab Manager
3. Albany, Oregon - Joe Dede, Lab Manager
4. Crossett, Arkansas - J. C. Gunnels, Lab Manager
5. Columbus, Ohio - P. Herault, Lab Manager

All of these locations should be actively pursued and all of the people listed are aware of this product. A copy of their disclosure of this product and its application is attached.

Pete Herault waxed poetic on the virtues of 244 in this application and, in fact, said it is the only thixotrope which they have found to give the desired combination of effects. However, he did say that they are interested in finding a lower cost material if possible. Should his estimates for large-

scale use develop, they would prefer our providing RG-244 in plain, unmarked bags. We said that this would be feasible at present only in CL quantities from King City. However, we did say that we would be willing to try to work out an amenable solution as soon as they can provide accurate usage figures. We also said we might package in their bags at sufficiently large volumes.

We left a MSD sheet, OSHA regulation and an asbestos fact sheet and agreed to send Pete a copy of "The Safe Use of RG-244."

We should be calling not only at the above listed G-P installations but other related accounts such as Forest Service Labs, Weyerhauer and wherever similar application seem to exist even though the applications may not be identical. Some of these other applications, for example, seem to involve different concepts such as gap filling capabilities and instant bonding. The G-P application, on the other hand, is largely a hairline glue joint and some short time in a high-pressure press. The times involved. however, are minutes rather than hours.

Typed 5/18/73
cjb

Calidria ASBESTOS

: for

E. J. Kleber - Niagara Falls
T. P. Norris Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
XC Files
NF Files

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

J.M. Anderson
D. J. Garcia
G. L. Vessels
M. K. West

By J. E. Walsh
Date 7/31/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	Bob Favero - Plant Manager Doug Jones - Quality Control
Mfrs. of	Tape Joint Muds	

Call made to run dust count per their request. The following is the data on the samples taken which have been forwarded to E. J. Kleber's attention for counting.

Sample No.	Sample Time		
139	125 min.	-	Sample was attached to John Tinker, plant foreman, during his normal travels around the plant. It was felt that Tinker would be the most logical person who, during his work day, would cover all areas in the plant.
210	7 min.	-	Personal sample on James Conner during redi-mix operation where H_2O, latex and blended dry ingredients are mixed on five foot high platform.
6	6 min.	-	Exact repeat of sample 210 on next batch made to give us duplicate results to compare count levels.
225	7 min.	-	Background sample directly behind the wet mix platform area 10 feet above the floor. Sample taken during one complete batch mixing of water, latex and blended dry ingredients. A noticeable puff of dust is generated when dry ingredients are dropped into the tank.
216	7 min.	-	Personal sample on Gary Dellorso during the mixing of dry asbestos ingredients only. Two 100-lb. bags RF9 and three 30-lb. bags of SG-210 were added to dry mix trough with overhead dust collector.

Sample No.	Sample Time		
241	4 min.	-	Personal sample on Gary Delorse during the addition of the balance of dry mix materials. Materials added were 350 lbs. mica, 40 lbs. PVA, 37-1/2 lbs. Natrosol.
219	11 min.	-	Exact repeat of sample 216 on next batch to give us duplicate results to compare count levels. Asbestos ingredients only.
206	5 min.	-	Exact repeat of sample 241 on next batch to give us duplicate results to compare count levels. Other dry ingredients only.
198	18 min.	-	Background sample during mixing of all dry ingredients. Located two feet to the left of the trough and five feet above the floor. Slight amount of dust was noticeable that trough overhead dust collector did not take out.
130	37 min.	-	Background sample located in same area as sample 198 and taken during the period directly after the last batch of dry ingredients were mixed and up to the start of the next batch mixing cycle.

Some interesting comments picked up during the day were that Gene O'Neill from Tigard is due to report in here August 1 and will be their Q.C. and R & D head for tape joint muds in the Southeast. Hank Peal, located in Wilmington, Delaware, is G-P's Eastern Regional Manager for Safety and all OSHA and EPA regulations. Jones phoned Peal after the count was done and discussed the cost of the equipment needed to run spot counts in the future, and it looks like Marietta will get the O.K. to buy one. G-P may have solved the problem of an asbestos replacement in dry-mix muds but are at a dead end for one in redi-mix muds.

During the mixing of asbestos dry ingredients, the bags of 210 on the pallet used were dirty, in some cases torn, and with visible asbestos evident, laying between the bags throughout the pallet. The 7RF9 bags from the pallet being used were, unfortunately, all clean and untorn, and loose asbestos was not evident.

JEW/cs
Typed: 8/1/73

E. J. Kleber - Niagara Falls
T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

Calidria asbestos

AUG 1974

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

By J. E. Walsh

Date 8/7/74

Full Name Georgia Pacific Address Marietta, Georgia Mfrs. of Tape joint muds	Interviewed Bob Favero, Plant Manager George Fowler, Tech Service

Call made on SG-210 carload account to run a dust count.

GP's mud business is way down, according to Bob, as they are now running only one shift as compared to three a year ago at this time. The carload we are shipping this month is the first since May as they now have only a 5-6 order backlog to work on compared to a 4-6 week backlog last year. An asbestos warning sign now greets you as you enter the plant, and Bob showed me the warning stickers they now put on their redi-mix cans. He also showed me some dry mix vinyl topping compound with "asbestos free" in big letters. Right now it is shipped into the Chicago area only, he said. George and I got into an interesting discussion re why they couldn't use an all 210 mud formula. George knew of no reason other than, maybe, we hadn't pushed at Tigard. After reviewing the economics now since the latest Canadian increase, it looks like we could save them 1 2/3¢/lb before figuring in the cost of limestone to make up the volume. George said his lab is all set up now, and he was going to whip up some all 210 muds, and if they are favorable, send a report to Tigard. He seemed interested in doing the work here because if it is workable, he could pick up some "brownie points" based on the amount of money he could save them.

K The dust samples taken were as follows:

#I-41 - on 10:25 A.M.
off 10:30 A.M. — Personal sample attached to operator, Larry James, during the addition of 212 lbs of Carey 7RF-9 and 87½ lbs of SG-210.

#J-15 - on 10:30 A.M.
off 10:37 A.M. — Attached to operator, Larry James, during the addition of the following ingredients to complete the makeup of all dry materials in the batch: muscovite mica 350 lbs, Gelvatol 20 lbs Natrosol 37½ lbs, Calgon T 12½ lbs, Troyson 5 lbs.

#H-17 - on 10:51 A.M.
off 10:58 A.M. — repeat of sample 1-41 on the next asbestos dump.

#I-17 - on 10:58 A.M. repeat of sample J-15 on the next batch of other dry
off 11:02 A.M ingredients dumped.

EJK Please phone me the results before mailing the report to Favero.

JW Follow up on next call with Fowler re his all 210 mud work.

T. J. Kleber - Niagara Falls
B. L. Ingalls - Niagara Falls
T. P. Norris - Chicago
for H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
~~RC~~ Files
NF Files

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

J.M. Anderson ☐
A. A. Andrade ☐
C. F. Deegan ☐
R. L. Gregan ☐
R. O. Mercer ☐
H. L. Gray ☐
B. E. Utley ☐
~~D. E. Clark~~ ☐
D. J. Garcia ☐
G. L. Vessels ☑
M. K. Webb ☐
File ☐

J. E. Walsh

Date 8/21 & 8/22/73

RECEIVED
SEP 10 1973
UCC - CALIDRIA
LONG CITY, CA.

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Doug Jones - Quality Control	
Mfrs. of	Tape Joint Muds		

Call made to collect another set of mixing samples and to observe the unloading condition of the six shrink-wrapped pallets of SG-210 in the car. The following samples were collected during the manufacturing of joint cement:

No. 110 - Background - Sample was hung five feet off the floor and two feet to the left of the dry blending trough and covered the period between the finish of the last batch and the mixing of dry blend ingredients for the next batch. Time on, 1:05 p.m., off 1:15 p.

No. 221 - Personal - Attached to Sam Gayton, the operator of the dry blender. Sample covers the addition of two 100-lb. bags of 7RF9 and three 30-lb. bags of SG-210. Time on 1:15 p.m., off 1:20 p.m.

No. 218 - Background - Sample was located in the same position as 110 sample and covered the period during the dumping of 200 lbs. of 7RF9 and 90 lbs. of SG-210. Time on 1:15 p.m., off 1:30 p.m.

No. 212 - Personal - Attached to Sam Gayton, the dry blend operator, during the addition of the following dry ingredients to complete the batch: Mica, 350 lbs.; Gelvatol, 40 lbs.; Natrosol, 37-1/2 lbs.; Dowicil 100, 7-1/2 lbs., Calgon, 12-1/2 lbs. Time on 1:16 p.m., off 1:28 p.m.

No. 269 - Background - Sample was located in same position as 110 and run during the period starting from the end of one batch to the start of the next one. Time on 1:30 p.m., off 1:46 p.m.

No. 292 - Personal - Attached to wet mix operator Robert Huie during the mixing of the blended dry ingredients with latex and water. Time on 1:48 p.m., off 1:59 p.m.

The above samples were taken on 8/21 prior to delivery of the carload by the railroad. At about 4:30 p.m., the railroad spotted car Southern 19206 by G-P's unloading door. Doug and I tried to open the car door but it was stuck so we went to the use of a crowbar and tension chain. The best we could do was open the door about two inches, and when we did, a virtual asbestos snowstorm came blowing out the door, covering us from head to toe in white. After it stopped blowing, we looked in the door opening and saw that the problem was that the front four pallets by the door had shifted during transit and about 40 SG-210 bags were wedged against the door, preventing us from moving it. Due to the hour, we decided to forget it for the day and start in on it at 7 a.m. the next day. In the morning, with the help of an experienced fork lift driver and boxcar unloader, we finally were able to free the door after 40 minutes of time had elapsed. After removing the damaged bags in the door area, I climbed up inside the car to locate the shrink wrapped pallets. Four of them were visible in the far end of the car. Loose asbestos lay on top of every pallet in the car and five to ten pound piles were all over the door area, between pallets, on the floor and between bags. The following samples were taken:

No. 207 - Background - On 7:55 a.m., off 9:10 a.m. Located 12 feet from the floor in the middle of the car door opening. Sample was run from the time the door was opened until the work on the car was stopped.

No. 145 - Personal - On 7:45 a.m., off 9:12 a.m. Attached to John Tinker, operator unloading the car, from the time the door was opened until work on the car stopped.

After an hour's work, the doorway area was still only half cleared and our chances of getting to the shrink wrapped pallets were about a day away, according to Tinker. As the writer had to catch an 11:00 plane, it was agreed that G-P would set aside the shrink wrapped pallets when the car was finally unloaded and I would come back after Labor Day to observe what they looked like.

JEW/cs
Typed: 8/31/73

: T. P. Morris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

Calidria ASBESTOS

UNION CARBIDE CORPORATION

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

By J. E. Walsh

Date 8/12/74

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	George Fowler, Technical Service
Mfrs. of	Tape joints muds & sprays	

Call made with J. L. Myers on carload customer of SG-210.

Reviewed again with George all the merits and economics of using an all SG-210 mud instead of the Canadian-210 blend that they historically have used. George seemed quite enthused to continue his lab work which he has just started and to report the results to his people in Tigard. He again reaffirmed that our best bet and efforts should be spent at the Tigard plant. Anyway, George has promised to do the work for us and, if favorable, write a report to his boss, Bill Gettle, out in Tigard. J. L. Myers went into a short discussion with Fowler on the mertis of the all 210 formula and also brought up our T-135. George again referred us to Don Klus at their Tigard plant. John and I then got the 50¢ plant tour, and the asbestos-free vinyl topping compound was pointed out along with the asbestos caution stickers that they now put on their redi-mix mud. A big sign greeted us on our way in the door with the typical asbestos caution warning. The asbestos caution stickers and signs are a result of AGP management decision.

PN When you get a chance to get out to Tigard, the two people mentioned in this report are the people you should be talking with.

JW Continue to follow up with George on next call re his work with the all 210 formula.

T. P. Norris - Chicago
c for H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
~~XC~~ Files
NF Files

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

By J. E. Walsh

Date 10/9/73

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Bob Favero - Plant Manager	
Mfrs. of	Tape Joint Compounds	(Telecon)	

Call made to give Favero results of our 8/21/73 dust count at their plant.

All the numbers, with the exception of the operator dumping 7RF9 and 210 into the dry blender, were within the regulations. The fiber level on the personal sample dumping two 100-lb. bags of 7RF9 and three 30-lb. bags of 210 was 17.0 compared to 8.0 fibers last November when we ran our first count here. Advised Favero that the sample taken was of relatively short duration (5 minutes) and covered the asbestos handling only. He did not seem to be too alarmed and then revealed that they had been OSHA inspected last Tuesday and about an hour or so after H. B. Rhodes and I had left their plant. The OSHA inspector had called him prior to coming in and advised him he would be in for an inspection and to run a dust count. Favero was out when H. B. Rhodes and I stopped in and the plant did look a little cleaner than when I had run my count on 8/21. When the OSHA inspector arrived, Favero pulled our November dust count out of his files to show him but was told that it was nice that he had one, but it would have no bearing on either the count that would be made today or whether they would or wouldn't be cited. The inspector then went out and made a general plant inspection, coming up with a few minor items that needed to be corrected such as a sign for a low hanging railing. A sampler was then attached to Sam Gayton, the same dry-mix operator we sampled, and run from the time he began to make the batch until it was completed. Based on the samples I had taken on 8/21, the time period should be between 26-30 minutes. The OSHA sample will include not only asbestos but all the other ingredients listed in my 8/21 ROC. After completing the sampling, the inspector returned to chat with Favero and advised him that visually, it didn't look like they had a problem, but that the actual results wouldn't be known for about 30 days. The inspector advised him that he would only hear from OSHA if he had a problem. If there was no problem, he would not receive anything in writing from them that he was O.K. Favero also revealed that their Acme, Texas plant had been told by management to remove all asbestos from their dry-mix formulas and they had begun to do so. Work is still continuing on finding a substitute for asbestos in redi-mix, but to date, they still haven't come up with one. The Marietta plant has not received any instructions so far to remove asbestos from the dry-mix formula, which I believe is 100% 7RF9.

JEW/cs
Typed: 10/11/73

REPORT OF CALL

Calidria asbestos

cc for

E. J. Kleber - Niagara Falls
T. P. Morris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Welsh
M. K. West
Date 7/31/73

Full Name Georgia Pacific Address Marietta, Georgia Mfrs. of Tape Joint Muds	Interviewed Bob Favero - Plant Manager Doug Jones - Quality Control

Call made to run dust count per their request. The following is the data on the samples taken which have been forwarded to E. J. Kleber's attention for counting.

Sample No.	Sample Time		
139	125 min.	-	Sample was attached to John Tinker, plant foreman, during his normal travels around the plant. It was felt that Tinker would be the most logical person who, during his work day, would cover all areas in the plant.
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6	6 min.	-	Exact repeat of sample 210 on next batch made to give us duplicate results to compare count levels.
225	7 min.	-	Background sample directly behind the wet mix platform area 10 feet above the floor. Sample taken during one complete batch mixing of water, latex and blended dry ingredients. A noticeable puff of dust is generated when dry ingredients are dropped into the tank.
216	7 min.	-	Personal sample on Gary Dellorso during the mixing of dry asbestos ingredients only. Two 100-lb. bags RF9 and three 30-lb. bags of SG-210 were added to dry mix trough with overhead dust collector.

Sample No.	Sample Time		
241	4 min.	-	Personal sample on Gary Delorse during the addition of the balance of dry mix materials. Materials added were 350 lbs. mica, 40 lbs. PVA, 37-1/2 lbs. Natrosol.
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206	5 min.	-	Exact repeat of sample 241 on next batch to give us duplicate results to compare count levels. Other dry ingredients only.
198	18 min.	-	Background sample during mixing of all dry ingredients. Located two feet to the left of the trough and five feet above the floor. Slight amount of dust was noticeable that trough overhead dust collector did not take out.
130	37 min.	-	Background sample located in same area as sample 198 and taken during the period directly after the last batch of dry ingredients were mixed and up to the start of the next batch mixing cycle.

Some interesting comments picked up during the day were that Gene O'Neill from Tigard is due to report in here August 1 and will be their Q.C. and R & D head for tape joint muds in the Southeast. Hank Peal, located in Wilmington, Delaware, is G-P's Eastern Regional Manager for Safety and all OSHA and EPA regulations. Jones phoned Peal after the count was done and discussed the cost of the equipment needed to run spot counts in the future, and it looks like Marietta will get the O.K. to buy one. G-P may have solved the problem of an asbestos replacement in dry-mix muds but are at a dead end for one in redi-mix muds.

During the mixing of asbestos dry ingredients, the bags of 210 on the pallet used were dirty, in some cases torn, and with visible asbestos evident, laying between the bags throughout the pallet. The 7RF9 bags from the pallet being used were, unfortunately, all clean and untorn, and loose asbestos was not evident.

JEW/cs
Typed: 8/1/73

REPORT OF CALL

cc for
F. J. Kleber - Niagara Falls
B. L. Ingalls - Niagara Falls
T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
~~HC~~ Files
NF Files

UNION CARBIDE CORPORATION

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

D. J. Garcia
G. L. Vessels
M. K. Welsh
File

By J. E. Walsh

Date 8/21 & 8/22/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	Doug Jones - Quality Control
Mfrs. of	Tape Joint Muds	

Call made to collect another set of mixing samples and to observe the unloading condition of the six shrink-wrapped pallets of SG-210 in the car. The following samples were collected during the manufacturing of joint cement:

No. 110 - Background - Sample was hung five feet off the floor and two feet to the left of the dry blending trough and covered the period between the finish of the last batch and the mixing of dry blend ingredients for the next batch. Time on, 1:15 p.m., off 1:15 p

No. 221 - Personal - Attached to Sam Gayton, the operator of the dry blender. Sample covers the addition of two 100-lb. bags of 7RF9 and three 30-lb. bags of SG-210. Time on 1:15 p.m., off 1:20 p.m.

No. 218 - Background - Sample was located in the same position as 110 sample and covered the period during the dumping of 200 lbs. of 7RF9 and 90 lbs. of SG-210. Time on 1:15 p.m., off 1:30 p.m.

No. 212 - Personal - Attached to Sam Gayton, the dry blend operator, during the addition of the following dry ingredients to complete the batch: Mica, 350 lbs.; Gelvatol, 40 lbs.; Natrosol, 37-1/2 lbs.; Dowicil 100, 7-1/2 lbs., Calgon, 12-1/2 lbs. Time on 1:16 p.m., off 1:28 p.m.

No. 269 - Background - Sample was located in same position as 110 and run during the period starting from the end of one batch to the start of the next one. Time on 1:30 p.m., off 1:46 p.m.

No. 292 - Personal - Attached to wet mix operator Robert Huie during the mixing of the blended dry ingredients with latex and water. Time on 1:48 p.m., off 1:59 p.m.

The above samples were taken on 8/21 prior to delivery of the carload by the railroad. At about 4:30 p.m., the railroad spotted car Southern 19206 by G-P's unloading door. Doug and I tried to open the car door but it was stuck so we went to the use of a crowbar and tension chain. The best we could do was open the door about two inches, and when we did, a virtual asbestos snowstorm came blowing out the door, covering us from head to toe in white. After it stopped blowing, we looked in the door opening and saw that the problem was that the front four pallets by the door had shifted during transit and about 40 SG-210 bags were wedged against the door, preventing us from moving it. Due to the hour, we decided to forget it for the day and start in on it at 7 a.m. the next day. In the morning, with the help of an experienced fork lift driver and boxcar unloader, we finally were able to free the door after 40 minutes of time had elapsed. After removing the damaged bags in the door area, I climbed up inside the car to locate the shrink wrapped pallets. Four of them were visible in the far end of the car. Loose asbestos lay on top of every pallet in the car and five to ten pound piles were all over the door area, between pallets, on the floor and between bags. The following samples were taken:

No. 207 - Background - On 7:55 a.m., off 9:10 a.m. Located 12 feet from the floor in the middle of the car door opening. Sample was run from the time the door was opened until the work on the car was stopped.

No. 145 - Personal - On 7:45 a.m., off 9:12 a.m. Attached to John Tinker, operator unloading the car, from the time the door was opened until work on the car stopped.

After an hour's work, the doorway area was still only half cleared and our chances of getting to the shrink wrapped pallets were about a day away, according to Tinker. As the writer had to catch an 11:00 plane, it was agreed that G-P would set aside the shrink wrapped pallets when the car was finally unloaded and I would come back after Labor Day to observe what they looked like.

JEW/cs
Typed: 8/31/73

cc for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

UNION CARBIDE ASBESTOS

UNION CARBIDE CORPORATION

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

By J. E. Walsh

Date 10/9/73

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Bob Favero - Plant Manager	
Mfrs. of	Tape Joint Compounds	(Telecon)	

Call made to give Favero results of our 8/21/73 dust count at their plant.

All the numbers, with the exception of the operator dumping 7RF9 and 210 into the dry blender, were within the regulations. The fiber level on the personal sample dumping two 100-lb. bags of 7RF9 and three 30-lb. bags of 210 was 17.0 compared to 8.0 fibers last November when we ran our first count here. Advised Favero that the sample taken was of relatively short duration (5 minutes) and covered the asbestos handling only. He did not seem to be too alarmed and then revealed that they had been OSHA inspected last Tuesday and about an hour or so after H. B. Rhodes and I had left their plant. The OSHA inspector had called him prior to coming in and advised him he would be in for an inspection and to run a dust count. Favero was out when H. B. Rhodes and I stopped in and the plant did look a little cleaner than when I had run my count on 8/21. When the OSHA inspector arrived, Favero pulled our November dust count out of his files to show him but was told that it was nice that he had one, but it would have no bearing on either the count that would be made today or whether they would or wouldn't be cited. The inspector then went out and made a general plant inspection, coming up with a few minor items that needed to be corrected such as a sign for a low hanging railing. A sampler was then attached to Sam Gayton, the same dry-mix operator we sampled, and run from the time he began to make the batch until it was completed. Based on the samples I had taken on 8/21, the time period should be between 26-30 minutes. The OSHA sample will include not only asbestos but all the other ingredients listed in my 8/21 ROC. After completing the sampling, the inspector returned to chat with Favero and advised him that visually, it didn't look like they had a problem, but that the actual results wouldn't be known for about 30 days. The inspector advised him that he would only hear from OSHA if he had a problem. If there was no problem, he would not receive anything in writing from them that he was O.K. Favero also revealed that their Acme, Texas plant had been told by management to remove all asbestos from their dry-mix formulas and they had begun to do so. Work is still continuing on finding a substitute for asbestos in redi-mix, but to date, they still haven't come up with one. The Marietta plant has not received any instructions so far to remove asbestos from the dry-mix formula, which I believe is 100% 7RF9.

JEW/cs
Typed: 10/11/73

c for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
J. W. Ross - Atlanta
W. C. Thurber - NY 38
KC Files
NF Files

CALIDRIA ASBESTOS

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

R. J. Kronkhyte
J.M. Anderson
A. A. Arbesso
C. F. Gehrs
R. L. Gilbert
R. C. Hefner
H. L. Hoy
B. B. Lowry
D. E. Cook
D. J. Garcia
G. L. Waters
M. K. West
File

RECEIVED
NOV 26 1973
UCC - CALIDRIA
KING CITY, CA.

By J. E. Walsh
Date 11/20/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, GA	Bob Favero - Plant Manager George Fowler - Technical Service
Mfrs. of	Tape Joint Compounds	

Call made to determine if they had received any feedback since their OSHA inspection and asbestos dust count.

So far, so good, according to Favero, meaning no calls or contact from OSHA since the late September inspection and count. The inspector had advised them that they had a pretty clean-looking plant and didn't anticipate that their would be any problems, but if there were, they would receive a letter in 4 to 5 weeks. With seven weeks now having passed, the general feeling here is that the OSHA asbestos count must have been within the limits, despite a copy of our count showing them to be above. Reviewed again with Favero the short sample time on our count, which could have been a contributing factor as well as the fact that I sampled asbestos only, and OSHA sampled one complete batch process, which would tend to greatly reduce the fiber level numbers due to the longer sampling time. 210 continuing to work well, and they expect to place one more carload order this year for shipment around mid-December. George Fowler is Gene O'Neill's replacement, and also has transferred from Tigard. Unlike O'Neill, who got diverted to Pre-Mix in Miami enroute, Fowler has purchased a home and is planning to stay a while. He will be responsible for all G-P tech service on tape joint compounds in the U.S. Fowler will also spend a portion of his time on R & D work. Discussed briefly the work we were doing with their Akron, N. Y. people on pelletized and/or slurried asbestos to help overcome the OSHA problem they had encountered. This would be the type of R & D work that Fowler would be involved in and he will touch base with Bill Nalbone to see how it is coming along. A package on the health aspect of asbestos was requested and will be prepared and sent to him

JW Be sure to check with Fowler on each future call here.

JEW/cs
Typed: 11/20/73

cc for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
J. W. Ross - Atlanta
W. C. Thurber - NY 38
KC Files
NF Files

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

R. O. [illegible]
R. J. [illegible]
J. [illegible]
A. [illegible]
C. [illegible]
[illegible]
[illegible]
D. E. [illegible]
D. J. [illegible]
G. L. [illegible]
M. K. Wiest
File

By J. E. Walsh
Date 11/20/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, GA	Bob Favero - Plant Manager George Fowler - Technical Service
Mfrs. of	Tape Joint Compounds	

Call made to determine if they had received any feedback since their OSHA inspection and asbestos dust count.

So far, so good, according to Favero, meaning no calls or contact from OSHA since the late September inspection and count. The inspector had advised them that they had a pretty clean-looking plant and didn't anticipate that their would be any problems, but if there were, they would receive a letter in 4 to 5 weeks. With seven weeks now having passed, the general feeling here is that the OSHA asbestos count must have been within the limits, despite a copy of our count showing them to be above. Reviewed again with Favero the short sample time on our count, which could have been a contributing factor as well as the fact that I sampled asbestos only, and OSHA sampled one complete batch process, which would tend to greatly reduce the fiber level numbers due to the longer sampling time. 210 continuing to work well, and they expect to place one more carload order this year for shipment around mid-December. George Fowler is Gene O'Neill's replacement, and also has transferred from Tigard. Unlike O'Neill, who got diverted to Pre-Mix in Miami enroute, Fowler has purchased a home and is planning to stay a while. He will be responsible for all G-P tech service on tape joint compounds in the U.S. Fowler will also spend a portion of his time on R & D work. Discussed briefly the work we were doing with their Akron, N. Y. people on pelletized and/or slurried asbestos to help overcome the OSHA problem they had encountered. This would be the type of R & D work that Fowler would be involved in and he will touch base with Bill Malbone to see how it is coming along. A package on the health aspect of asbestos was requested and will be prepared and sent to him

JW Be sure to check with Fowler on each future call here.

JEW/cs
Typed: 11/20/73

REPORT OF CALL

cc: E. J. Kleber - Niagara Falls
T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

Calidria

UNION CARBIDE CORPORATION

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

By J. E. Walsh

Date 8/7/74

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	Bob Favero, Plant Manager George Fowler, Tech Service
Mfrs. of	Tape joint muds	

Call made on SG-210 carload account to run a dust count.

GP's mud business is way down, according to Bob, as they are now running only one shift as compared to three a year ago at this time. The carload we are shipping this month is the first since May as they now have only a 5-6 order backlog to work on compared to a 4-6 week backlog last year. An asbestos warning sign now greets you as you enter the plant, and Bob showed me the warning stickers they now put on their redi-mix cans. He also showed me some dry mix vinyl topping compound with "asbestos free" in big letters. Right now it is shipped into the Chicago area only, he said. George and I got into an interesting discussion re why they couldn't use an all 210 mud formula. George knew of no reason other than, maybe, we hadn't pushed at Tigard. After reviewing the economics now since the latest Canadian increase, it looks like we could save them 1 2/3¢/lb before figuring in the cost of limestone to make up the volume. George said his lab is all set up now, and he was going to whip up some all 210 muds, and if they are favorable, send a report to Tigard. He seemed interested in doing the work here because if it is workable, he could pick up some "brownie points" based on the amount of money he could save them.

EJK

The dust samples taken were as follows:

#I-41 - on 10:25 A.M.
off 10:30 A.M.
Personal sample attached to operator, Larry James, during the addition of 212 lbs of Carey 7RF-9 and 87½ lbs of SG-210.

#J-15 - on 10:30 A.M.
off 10:37 A.M.
Attached to operator, Larry James, during the addition of the following ingredients to complete the makeup of all dry materials in the batch: muscovite mica 350 lbs, Gelvatol 20 lb Natrosol 37½ lbs, Calgon T 12½ lbs, Troyson 5 lbs.

#H-17 - on 10:51 A.M.
off 10:58 A.M.
repeat of sample 1-41 on the next asbestos dump.

#I-17 - on 10:58 A.M. repeat of sample J-15 on the next batch of other dry
off 11:02 A.M ingredients dumped.

EJK Please phone me the results before mailing the report to Favero.

JW Follow up on next call with Fowler re his all 210 mud work.

REPORT OF CALL

CC: T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

Calidria asbestos

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

By J. E. Walsh

Date 8/12/74

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	George Fowler, Technical Service	
Mfrs. of	Tape joints muds & sprays		

Call made with J. L. Myers on carload customer of SG-210.

Reviewed again with George all the merits and economics of using an all SG-210 mud instead of the Canadian-210 blend that they historically have used. George seemed quite enthused to continue his lab work which he has just started and to report the results to his people in Tigard. He again reaffirmed that our best bet and efforts should be spent at the Tigard plant. Anyway, George has promised to do the work for us and, if favorable, write a report to his boss, Bill Gettle, out in Tigard. J. L. Myers went into a short discussion with Fowler on the mertis of the all 210 formula and also brought up our T-135. George again referred us to Don Klus at their Tigard plant. John and I then got the 50¢ plant tour, and the asbestos-free vinyl topping compound was pointed out along with the asbestos caution stickers that they now put on their redi-mix mud. A big sign greeted us on our way in the door with the typical asbestos caution warning. The asbestos caution stickers and signs are a result of AGP management decision.

TPN When you get a chance to get out to Tigard, the two people mentioned in this report are the people you should be talking with.

JW Continue to follow up with George on next call re his work with the all 210 formula.

cc for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 1-7-75

Full Name Georgia Pacific Address Marietta, Georgia Mfrs. of Tape Joint Muds.	Interviewed Bob Favero, Plant Manager Mr. & Mrs. Bill Nalbone (Akron, NY) John Tinker, Plant Foreman

Call made on carload user of SG-210.

Tinker advised that in the last six weeks they have seen a surge of new orders coming from Florida, and they are getting close to the old 50 order backlog that they had been accustomed to operating on. No one seems to know the reason why, but it certainly has been the first positive change in over 4 months. It is welcomed by both Georgia Pacific and the writer. The Nalbones were down here house-hunting, and Favero was planning to show them around in the afternoon. No mention was made during lunch on what this might mean for Favero, so I didn't ask the obvious, figuring that if I ought to know they should explain what is going on. Bill said that the Akron, N. Y. board plant has been shut down, and over 100 people were released. The joint cement operation will continue, but only with about 10-12 people, like this plant. The closing was the result of a variety of factors: the gypsum deposit was running out, the plant was outdated, and OSHA.

cc for: R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 2-18-75

Full Name	Georgia Pacific	Interviewed	
Address	Decatur, Georgia		Walter Boyles, Chemist
Mfrs. of	Chemical Resins		

Call made with R. E. Byrne to discuss toxicology.

Meeting was originally set up with Dr. Bornstein, but upon arrival, we were advised that he was called out of town on an emergency. He apparently had made a gallant effort the day before to let me know he couldn't make it, but it was a holiday, and he was unable to track me down. Boyles was the man Bornstein had assigned to see us in his absence. Before getting into the toxicology discussion, I tried to probe Boyles a little to see if I could find out what the new product was that our 144 would be used in. Boyles, unfortunately, either didn't know or didn't want to say, as all he would discuss was the 244 adhesive that we already know about. R. E. Byrne then proceeded to go over the toxicology aspect of asbestos, on which Boyles seemed to have a very negative feeling initially. After the discussion, it appeared that we cleared the air on a lot of apprehensions Boyles had, having been exposed only to the publicity side of the story previously. Later in the week a 10 lb. bag of 244 was sent to them to make up a rush order for one of their customers. A telephone conversation the following Monday morning with Dr. Bornstein revealed that they are sampling an export account in South Africa with a three component system, and needed the 244 bag to send along as one of the components. They are also sampling their prospect with the finished material, ie., all three components mixed together. The prospect will try it both ways and decide which way he wants to go. If they go the component way, they will need a source of 244 in South Africa.

REB Who represents us there?

If they go the finished product route, GP will buy the 244 here in about 1000 lb. lots, according to Dr. Bornstein. If the product is made in Decatur, they will need a dust count run due to internal GP politics, and I advised Dr. Bornstein that we could provide the sampling for them.

JEW Phone Dr. Bornstein around 3-21 to see what the status of the project is.

cc for: H. B. Rhodes - Niagara Falls
R. E. Byrne - Niagara Falls
T. P. Norris - Chicago
W. C. Thurber - NY 38
KC Files
NF Files

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

By J. E. Walsh

Date 5-6-75

Full Name	Georgia Pacific	Interviewed
Address	Decatur, Georgia	Dr. Bornstein, Research Director
Mfrs. of	Chemical Resins	

Call made with H. B. Rhodes to update Bornstein on toxicology.

Before getting into the dark side of our business, Bornstein was probed on where they were on their new product line containing either 144 or 244. He advised that they had decided to use 244, as they found it to be more efficient and they can use less of it. The product is a two component adhesive that will be thermoset between panels. It is a completely different material from the original plywood adhesive containing 244 that Bornstein invented for Georgia Pacific. This is also his baby, and although they still recommend silica over asbestos to their customers, he is committed to 244 for this product line. They have decided to add the 244 at their plant locations, and thereby take the OSHA asbestos question out of the hands of their customers. Dr. Bornstein expects that they will begin plant production of the new adhesive anywhere between 3-6 months from now with the first GP plant beginning to use it located in Conway, North Carolina. Other GP plant users will be in Lufkin, Texas and Crossett, Arkansas. I guess you have to go where the wood is, but most of the plant locations are in the wilds and will be a challenge to try and cover. Bornstein advised that GP has 17 plants across the country capable of making the adhesive, but most likely only 12 of them will.

Dr. Rhodes proceeded to input to the good doctor the toxicology and regulatory story on 244, and a copy of our February 1 paper on the subject will be sent to him. Dr. Bornstein will be fighting the internal toxicology issue for us, and our hope is that we got through clearly enough to him during the discussion with enough ammunition for him to do it. We also offered to run dust monitorings at their various plants as they begin to produce the new adhesive.

JEW Phone Dr. Bornstein around 8-15 to see how the project is going.

RECEIVED
JUN 15 1973
UCC - CALIDRIA
KING CITY, CA.

Calidria asbestos

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

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

By B. L. Ingalls

Date 6/11/73

Full Name	Georgia-Pacific Corp. Bestwall Gypsum Div.	Interviewed
Address	Bloomingdale Road Akron, NY	John Rauch, Plant Mgr. (Telecon)
Mfrs. of		

Called subject to determine if they were aware of the April EPA regulations regarding asbestos. Mr. Rauch said that he was not aware of these regulations and was most appreciative of my taking the opportunity of informing him of their existence. I pointed out that our legal department had not as yet clarified the fine points of the regulations; however, it would be to their (G-P) advantage to familiarize themselves with the regulations as soon as possible in order to assure they were in compliance. John said he would attend to this as soon as possible.

I asked John if he had heard anything from OSHA regarding the most recent inspection of their plant and he said he had just heard from them by letter this week. There was no specifics in the letter except to say that the Akron plant had been found to be in violation on 9 accounts regarding asbestos use; 2 serious and 7 nonserious. They are being penalized with fines totaling $3,000. John said that the letter lends no information as to the nature of the violations and they (G-P) had not decided as yet whether to "fight it" until they have some specific information.

RECOMMENDED ACTION

BLI Follow up within a couple of weeks.

Typed 6/11/73
cjb

Calidria asbestos

c 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 B. L. Ingalls

Date 6/25/73

Full Name	Georgia-Pacific Corporation Bestwall Division	Interviewed
Address	Akron, NY	Mr. Bill Nalbone, QC Supervisor
Mfrs. of		(Telecon)

I called John Rauch, plant manager of subject company, to discover the latest status of their citation by OSHA. However, I learned that Mr. Rauch is at their Portland headquarters attending a plant managers' meeting for the duration of the week. Subsequently, I talked to Mr. Nalbone, QC supervisor. According to Nalbone, they were cited by OSHA for exceeding allowable threshold limits and a multitude of other sins which appear by his comments to encompass just about the entire asbestos regulations. The infringements included inadequate housekeeping, improper ventilation, lack of respirators for personnel, lack of warning signs, inadequate facilities for bag and waste disposal. They were also cited for not having regular programs for dust monitoring and medical examinations and record keeping. They were told it would be necessary to have a change of uniforms for their employees on a daily basis and adequate change facilities.

Nalbone commented that one of the purposes of Mr. Rauch's meeting in Oregon is to determine G-P's course of action with regard to the citation and appropriate measures for compliance. One alternative that is presently being considered is installation of a new plant. Apparently, it may be more advantageous for G-P to build a new plant rather than to make the necessary modifications in their existing old facilities at Akron. They are also considering the possibility of alternatives for asbestos in their TJ formulations, however, by the time of Nalbone's comments, this is considered to be some distance in the future if a feasibility.

RECOMMENDED ACTION

BLI Maintain close contact with Mr. Rauch and Mr. Nalbone over the next several months.

Typed 6/29/73
cjb

Calidria

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

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

By G. L. Dickson with E. J. Kleber

Date 7/31/74

Full Name	Georgia Pacific Corp. Milford, VA	Interviewed	
Address		Harry Scharf - Plant Manager	
Mfrs. of	Ready-Mix Tape Joint Compounds		

OBJECTIVE

Take dust samples plus routine semiannual visit.

OBSERVATIONS

Air samples obtained by EJK which will be analyzed and reported.

Business is down, running at about 60% of plant capacity. No indication of how long this will last. Two men quit and so their production force now consists of about 7 men. SG-210 being added at 30 pounds per batch versus 78 pounds for Canadian 7TF9. Harry did not have a 210 inventory but it looks like it should be adequate for the next few months. My guesstimate is that they will only need one car more this year.

ACTION

None at this time. However, I think we should make another attempt to get their R&D people to increase the SG-210 content of their TJC's if at all possible. The latest Canadian price change should be of some help in doing this.

Typed 8/5/74
cjb

: T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
CKC Files
NF Files

Calidria

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

By J. E. Walsh

Date 8/12/74

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	George Fowler, Technical Service
Mfrs. of	Tape joints muds & sprays	

Call made with J. L. Myers on carload customer of SG-210.

Reviewed again with George all the merits and economics of using an all SG-210 mud instead of the Canadian-210 blend that they historically have used. George seemed quite enthused to continue his lab work which he has just started and to report the results to his people in Tigard. He again reaffirmed that our best bet and efforts should be spent at the Tigard plant. Anyway, George has promised to do the work for us and, if favorable, write a report to his boss, Bill Gettle, out in Tigard. J. L. Myers went into a short discussion with Fowler on the mertis of the all 210 formula and also brought up our T-135. George again referred us to Don Klus at their Tigard plant. John and I then got the 50¢ plant tour, and the asbestos-free vinyl topping compound was pointed out along with the asbestos caution stickers that they now put on their redi-mix mud. A big sign greeted us on our way in the door with the typical asbestos caution warning. The asbestos caution stickers and signs are a result of AGP management decision.

'N When you get a chance to get out to Tigard, the two people mentioned in this report are the people you should be talking with.

IW Continue to follow up with George on next call re his work with the all 210 formula.

c for O. J. Malacarne/V. D. Holt
T. P. Norris
W. C. Thurber
KC - File
NF - File

Calidria ASBESTOS

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

R. O. Marsten ☐
R. J. Kronkhyte ☐
J.M. Anderson ☐
A. A. Andrade ☐
C. F. Grogan ☐
R. L. Grogan ☐
R. O. Hopper ☐
H. [illegible] ☐
B. E. [illegible] ☐
D. E. Clark ☐
D. J. Garcia ☒
G. L. Vessels ☐
M. K. West ☐
File ☐

By J. L. Myers with
E. J. Kleber
Date July 17, 1973

Full Name Georgia-Pacific Corporation Address Akron, NY Mfrs. of Tel. 542-5431	Interviewed W. Nalbone, Chemist J. D. Rauch, Plant Manager John DiLorenzo, Chief Eng.(Corporate from Portland, OR) Earl Harvey, Consulting Engineer

I visited the plant to discuss their recent OSHA citation and problems with compliance. This was done at the request of Mr. DiLorenzo. Ed Kleber accompanied me and obtained several dust samples at Mr. Rauch's request.

Georgia-Pacific was cited for several asbestos violations and was fined $3000. They have until July 27 to present a plan and timetable to reach compliance. They wanted to review our knowledge of the standards, our dust counting experience, and our plant compliance status.

I left with them our drawing numbers 241-344 and 241-345 depicting our bagging enclosure arrangement. We discussed this operation and I have alerted F. H. Larrison that Mr. DiLorenzo may visit our plant in the near future. I left samples of SG-200X and RG-100 for their lab evaluation and a sample of SG-200X has been sent to E. O'Neill at their Tigard R&D center. We briefly discussed bulk handling and the economics of pellets in bags or bulk but they cannot solve their immediate problem with pellets.

I discussed T-135-0 for spray textures with Nalbone; and, although they are trying to remove asbestos, he seemed interested and a sample will be sent. He said he had not heard of T-135-0 before.

Mr. Harvey is familiar with several of our engineering personnel and may contact O. J. Malacarr to discuss our dust control equipment. He has apparently designed a system which Georgia-Pacific is "going with" for OSHA.

Ed obtained samples during ready-mix preparation. They are expecting another OSHA inspection on July 30 and wanted data on this operation. We advised Mr. Rauch that a car containing six test pallets (tuck-in sleeves with shrink-film) of SG-210 would be sent to them later

— Dick/Bob - In case this guy should show up when I'm not here it is ok - he wants to look at bagging room enclosures - FHL.

this month. We observed several different dusty products packaged with tuck-in sleeves, including Carey 7RF9, and all of the sleeves were filled with material and "dribbling." The OSHA dust warning is in small print (same as bag manufacturer's data) on the back of Carey's bags - definitely not prominent.

ACTION

B. L. Ingalls — Follow-up with Nalbone on T-135-0 and pellet samples. Advise Rauch when car with test pallets leaves King City, arrange for inspection and dust sampling during unloading at Akron.

O. J. Malacarne/F. H. Larrison — Be prepared for visits and/or calls.

E. J. Kleber — Report dust sample results.

J. L. Myers — Prepare comments on their citation and distribute as appropriate.

Typed 7/18/73
/ds

Calidria ASBESTOS

: for

E. J. Kleber - Niagara Falls
T. P. Norris Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
KC Files
NF Files

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

R. O. M[illegible]
[illegible]
J.M. Anderson
A. A. Andrade
C. F. G[illegible]
R. L. G[illegible]
R. O. H[illegible]
H. L. [illegible]
B. E. U[illegible]
D. E. Cl[illegible]
D. J. Garcia
G. L. Vessels
M. K. West

By J. E. Walsh
Date 7/31/73

Full Name	Georgia Pacific	Interviewed
Address	Marietta, Georgia	Bob Favero - Plant Manager Doug Jones - Quality Control
Mfrs. of	Tape Joint Muds	

Call made to run dust count per their request. The following is the data on the samples taken which have been forwarded to E. J. Kleber's attention for counting.

Sample No.	Sample Time		
139	125 min.	-	Sample was attached to John Tinker, plant foreman, during his normal travels around the plant. It was felt that Tinker would be the most logical person who, during his work day, would cover all areas in the plant.
210	7 min.	-	Personal sample on James Conner during redi-mix operation where H_2O, latex and blended dry ingredients are mixed on five foot high platform.
6	6 min.	-	Exact repeat of sample 210 on next batch made to give us duplicate results to compare count levels.
225	7 min.	-	Background sample directly behind the wet mix platform area 10 feet above the floor. Sample taken during one complete batch mixing of water, latex and blended dry ingredients. A noticeable puff of dust is generated when dry ingredients are dropped into the tank.
216	7 min.	-	Personal sample on Gary Dellorso during the mixing of dry asbestos ingredients only. Two 100-lb. bags RF9 and three 30-lb. bags of SG-210 were added to dry mix trough with overhead dust collector.

Sample No.	Sample Time		
241	4 min.	-	Personal sample on Gary Delorso during the addition of the balance of dry mix materials. Materials added were 350 lbs. mica, 40 lbs. PVA, 37-1/2 lbs. Natrosol.
219	11 min.	-	Exact repeat of sample 216 on next batch to give us duplicate results to compare count levels. Asbestos ingredients only.
206	5 min.	-	Exact repeat of sample 241 on next batch to give us duplicate results to compare count levels. Other dry ingredients only.
198	18 min.	-	Background sample during mixing of all dry ingredients. Located two feet to the left of the trough and five feet above the floor. Slight amount of dust was noticeable that trough overhead dust collector did not take out.
130	37 min.	-	Background sample located in same area as sample 198 and taken during the period directly after the last batch of dry ingredients were mixed and up to the start of the next batch mixing cycle.

Some interesting comments picked up during the day were that Gene O'Neill from Tigard is due to report in here August 1 and will be their Q.C. and R & D head for tape joint muds in the Southeast. Hank Peal, located in Wilmington, Delaware, is G-P's Eastern Regional Manager for Safety and all OSHA and EPA regulations. Jones phoned Peal after the count was done and discussed the cost of the equipment needed to run spot counts in the future, and it looks like Marietta will get the O.K. to buy one. G-P may have solved the problem of an asbestos replacement in dry-mix muds but are at a dead end for one in redi-mix muds.

During the mixing of asbestos dry ingredients, the bags of 210 on the pallet used were dirty, in some cases torn, and with visible asbestos evident, laying between the bags throughout the pallet. The 7RF9 bags from the pallet being used were, unfortunately, all clean and untorn, and loose asbestos was not evident.

JEW/cs
Typed: 8/1/73

Chrysotile Asbestos

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

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

G. L. Dickson with
By E. J. Kleber

Date 3/22/74

Full Name	Georgia-Pacific Corporation Akron, NY	Interviewed	
Address		Bill Walbone	
Mfrs. of	TJC		

Bill telephoned in AM to say that the car ordered for delivery on 3/22/74 had arrived on 3/22/74. This was their first car containing 8 layered pallets and we had requested permission to inspect it before being unloaded. Looked very good as attached photos verify. Observed only one broken bag which had nothing to do with loading pattern. Their unloading doorway is high enough to accommodate unloading two pallets at once, which is the usual custom here, but with only about a foot to spare. No problems with unloading except they asked if it would be possible to load the pallets in the doorway in the opposite direction. The forks on their lift trucks are not long enough to go the full distance under the long way of the pallets which required that the first two sets had to be pretty much dragged out of the car. After this it was possible to turn the next two sets of pallets inside the car and then insert the forks the short way of the pallet. After the 4 sets in the door had been removed, it was a simple matter to unload the remaining pallets. This is not a big deal with them but if a car can be loaded with these pallets in the opposite direction and still travel without damage, they feel that it would simplify the initial unloading procedure.

Bob
3/27

We offered to run a dust count during this time but our offer was politely turned down as Bill felt it was unnecessary. They were recently inspected by OSHA and so far everything looks good. However, they are still awaiting the results of the OSHA dust count.

The two dunnage bags arrived inflated as they normally do. They cited one example when a bag had been pierced by a splinter from a pallet but this apparently was an exception.

The self-sealing valves still contain asbestos which is the only adverse criticism that we can make.

MISC.

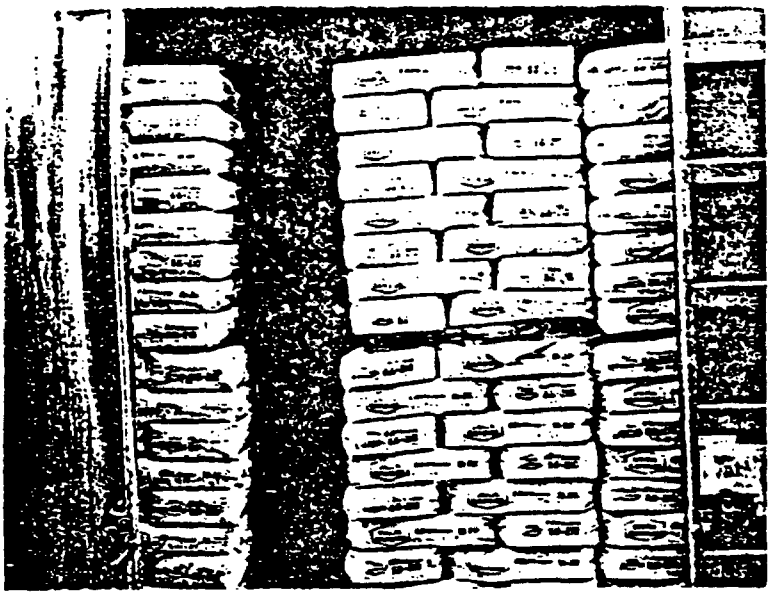
SG-210 is still only being used here in their ready mix with Carey Canadian 7TF9. We do not know the ratio of the two asbestos. However, ready mix will probably be 65% of their production this year and they expect this to increase

in the future. They are now on a 6-day - 2-shift operation and are just keeping up with demand. Therefore, 1974 requirements for SG-210 should be greater than in 1973, although Bill would not advance any estimate.

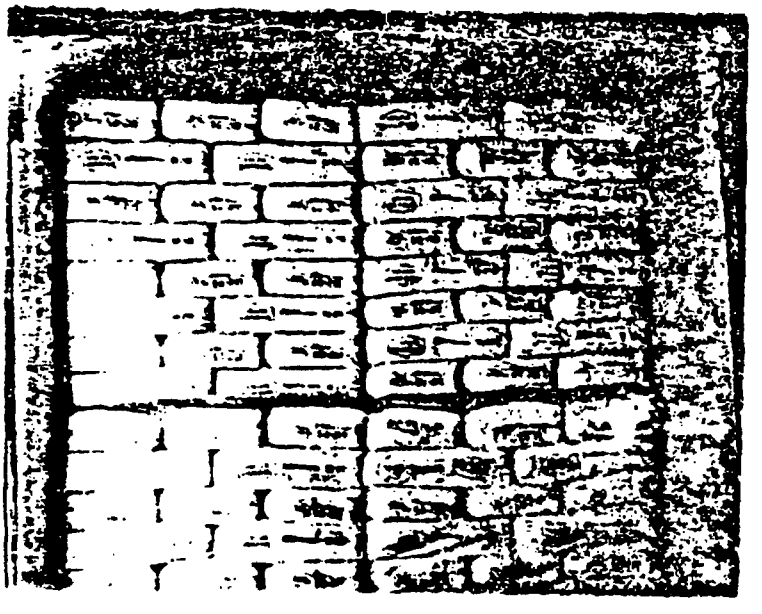
ACTION

Routine calls only are required at this time. Will follow up periodically on the status of pelletized SG-210 which was not discussed. Left copy of J-M booklet on asbestos which Bill will read and then let us know if he wants additional copies for his people.

Typed 3/25/74
cjb







for E. J. Kleber - Niagara Falls
B. L. Ingalls - Niagara Falls
T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
W. C. Thurber - NY 38
~~KC~~ Files
~~NF~~ Files

CALIDRIA ASBESTOS

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

J.M. Anderson ☐
A. A. Andrade ☐
C. F. Grogan ☐
R. L. Grogan ☐
R. O. Hopper ☐
H. L. Seay ☐
B. E. Usrey ☐
~~J. E. Walsh~~ Clerk ☑
D. J. Garcia ☐
G. L. Vessels ☑ Your file
M. K. Wesly ☐ J. E. Walsh
File ☐

Date 8/21 & 8/22/73

RECEIVED
SEP 10 1973
UCC - CALIDRIA
KING CITY, CA.

Full Name	Georgia Pacific	Interviewed	
Address	Marietta, Georgia	Doug Jones - Quality Control	
Mfrs. of	Tape Joint Muds		

Call made to collect another set of mixing samples and to observe the unloading condition of the six shrink-wrapped pallets of SG-210 in the car. The following samples were collected during the manufacturing of joint cement:

No. 110 - Background - Sample was hung five feet off the floor and two feet to the left of the dry blending trough and covered the period between the finish of the last batch and the mixing of dry blend ingredients for the next batch. Time on, 1:05 p.m., off 1:15 p.

No. 221 - Personal - Attached to Sam Gayton, the operator of the dry blender. Sample covers the addition of two 100-lb. bags of 7RF9 and three 30-lb. bags of SG-210. Time on 1:15 p.m., off 1:20 p.m.

No. 218 - Background - Sample was located in the same position as 110 sample and covered the period during the dumping of 200 lbs. of 7RF9 and 90 lbs. of SG-210. Time on 1:15 p.m., off 1:30 p.m.

No. 212 - Personal - Attached to Sam Gayton, the dry blend operator, during the addition of the following dry ingredients to complete the batch: Mica, 350 lbs.; Gelvatol, 40 lbs.; Natrosol, 37-1/2 lbs.; Dowicil 100, 7-1/2 lbs., Calgon, 12-1/2 lbs. Time on 1:16 p.m., off 1:28 p.m.

No. 269 - Background - Sample was located in same position as 110 and run during the period starting from the end of one batch to the start of the next one. Time on 1:30 p.m., off 1:46 p.m.

No. 292 - Personal - Attached to wet mix operator Robert Huie during the mixing of the blended dry ingredients with latex and water. Time on 1:48 p.m., off 1:59 p.m.

The above samples were taken on 8/21 prior to delivery of the carload by the railroad. At about 4:30 p.m., the railroad spotted car Southern 19286 by G-P's unloading door. Doug and I tried to open the car door but it was stuck so we went to the use of a crowbar and tension chain. The best we could do was open the door about two inches, and when we did, a virtual asbestos snowstorm came blowing out the door, covering us from head to toe in white. After it stopped blowing, we looked in the door opening and saw that the problem was that the front four pallets by the door had shifted during transit and about 40 SG-210 bags were wedged against the door, preventing us from moving it. Due to the hour, we decided to forget it for the day and start in on it at 7 a.m. the next day. In the morning, with the help of an experienced fork lift driver and boxcar unloader, we finally were able to free the door after 40 minutes of time had elapsed. After removing the damaged bags in the door area, I climbed up inside the car to locate the shrink wrapped pallets. Four of them were visible in the far end of the car. Loose asbestos lay on top of every pallet in the car and five to ten pound piles were all over the door area, between pallets, on the floor and between bags. The following samples were taken:

No. 207 - Background - On 7:55 a.m., off 9:10 a.m. Located 12 feet from the floor in the middle of the car door opening. Sample was run from the time the door was opened until the work on the car was stopped.

No. 145 - Personal - On 7:45 a.m., off 9:12 a.m. Attached to John Tinker, operator unloading the car, from the time the door was opened until work on the car stopped.

After an hour's work, the doorway area was still only half cleared and our chances of getting to the shrink wrapped pallets were about a day away, according to Tinker. As the writer had to catch an 11:00 plane, it was agreed that G-P would set aside the shrink wrapped pallets when the car was finally unloaded and I would come back after Labor Day to observe what they looked like.

JEW/cs
Typed: 8/31/73