Caldrin asbestos

PLAINTIFF'S EXHIBIT
UC-5130

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

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. Marsden ☐
R. J. Krenkhyte ☐
J.M. Anderson ☐
A. A. Andrade ☐
C. F. Gregan ☐
R. L. Gregan ☐
R. O. Mercer ☐
B. E. Curry ☐
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. 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 - F.H.L.

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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-O 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

Carbola asbestos

Sav

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.

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c for T. P. Norris
W. C. Thurber
J. E. Walsh
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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
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

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Calidria asbestos

: 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 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.

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

Carborundum Asbestos

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.

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Calidria asbestos

cc for H. B. Rhodes
T. P. Norris
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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.

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

c for

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

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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. 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.

L. J. Kiebel - Niagara Falls
T. P. Norris - Chicago
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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 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.

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
~~HC~~ Files
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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 ☐
~~Clerk~~ ☑
D. J. Garcia ☐
G. L. Vessels ☑ your file
M. K. Wiley ☐ J. E. Walsh
File ☐

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

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.

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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

: for T. P. Norris - Chicago
H. B. Rhodes - Niagara Falls
J. W. Ross - Atlanta
W. C. Thurber - NY 38
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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. Kre[illegible]
J.M. Anderson
A. A. Andrade
C. F. C[illegible]
R. L. G[illegible]
R. O. [illegible]
H. L. [illegible]
B. E. [illegible]
D. E. Clark
P. 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 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

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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: 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.

J.E.W.

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; KC-File; NP-File; C.E.S.
XX R. L. Schult, J. E. Lenahan, J. R. Lockhart

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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

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Chemical Resins

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.

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:c 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. 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

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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.

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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		

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ACTION

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Typed 8/5/74
cjb

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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.

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