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 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.

PLAINTIFF'S EXHIBIT
UC-4520

X400390

#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.

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THE DISCOVERY COMPANY

UNION CARBIDE CORPORATION • MINING & METALS DIVISION • P.O. BOX 579 • NIAGARA FALLS, N. Y. 14302 • TEL: 716-278-3375

August 16, 1974

Mr. Harry Scharf
Georgia Pacific Corp.
P.O. Box 129
Milford, VA 22514

Dear Mr. Scharf:

Enclosed is the report of the air sampling conducted at your plant on July 31. As always, if you have any questions, please do not hesitate to contact either Gordon Dickson or myself at the above address.

Very truly yours,

E. J. Kleber
Customer Service Representative

EJK/mlv
Enclosures
cc: G. L. Dickson

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AIRBORNE FIBER COUNTS

for

Georgia Pacific Corp.
Milford, VA

August 15, 1974

Samples Collected and Analyzed By: E. J. Kleber
Union Carbide Corporation

Union Carbide Corporation
Mining and Metals Division
Niagara Falls, New York

X400366

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OBJECTIVES

Monitor airborne asbestos fiber at Georgia Pacific Corp., Milford, VA, a manufacturer of ready-mix tape joint compounds.

OPERATIONS MONITORED

1) Dry mix operator - Basic responsibilities include gathering of raw materials, weighing them and adding them to the hopper. Materials are then conveyed along to the wet mix area. Four breathing zone samples were collected here because it can be logically assumed that this job generates the most airborne asbestos fiber.

2) Wet mixer operator - Job consists of operating a control panel which blends bulk handled materials and ingredients sent from dry mix operator with liquids. A breathing zone sample was collected at this point.

3) Palletizer operator - Carts off completed pallets to warehouse and makes sure palletizer is operating properly. A breathing zone sample was collected at this point since this operator moves freely about the plant and represents a cross-section of in-plant air.

4) Warehouse - An environmental sample was collected in the area of stored asbestos.

EQUIPMENT AND PROCEDURE

Sampling and dust counting were carried out in accordance with OSHA Regulation 1910.93a, using the Bayer, Zummalde and Brown method for counting asbestos fibers by phase contrast microscopy (Bureau of Occupational Safety and Health, Feb. 1969).

Battery-powered air pumps (M.S.A. type) calibrated to 2 liters per minute were used to collect personal breathing zone and environmental samples on millipore membrane filters of 0.8 micron porosity.

Fiber counting was performed on a Vicker's phase contrast microscope utilizing a Porton reticle for sizing and field definition.

TEST RESULTS

Reported as fibers greater than 5 microns in length per cubic centimeter of air sampled. A fiber is defined as a material having an aspect ratio greater than 3:1

X400347

SUMMARY OF FIBER COUNTS

Sample No:	Sample Time	Description	Fibers/cc >5μ
I-23	5 min.	Personal-Dry mix operator (John J. Green) gathering, weighing and adding raw materials to hopper. 30 lbs. SG-210 & 78 lbs. Canadian used per batch.	4.1
G-3	41 min.	Personal-Same as I-23.	0.9
I-31	21 min.	Personal-Same as I-23.	2.8
H-22	21 min.	Personal-Same as I-23.	1.8
G-10	30 min.	Personal-Wet mix operator (Lester Taylor) at control panel.	0.4
J-8	25 min.	Personal-Palletizer operator (John R. Green) driving towmotor, transporting pallets & controlling palletizer.	0.6
J-13	27 min.	Environmental-In warehouse 3' from asbestos pallets 5½' off floor during normal activity.	0.2

X400366

BC: H. B. Rhodes
File ✓

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

September 4, 1974

Mr. R. Favero
Plant Manager
Georgia-Pacific Corporation
Marietta, GA 30060

Dear Mr. Favero:

Enclosed is the report of our findings on the air samples collected at your plant on August 7, 1974. We believe the report to be self-explanatory, however, if you have any questions or wish to discuss the results further, please do not hesitate to contact either Jack Walsh at our Atlanta, Georgia sales office or me at the above address.

We look forward to serving you.

Very truly yours,

E. J. Kleber
Customer Service Representative

EJK:cjb
Enclosure

CC: Mr. J. E. Walsh

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AIRBORNE FIBER COUNTS

for

Georgia-Pacific Corporation
Marietta, Georgia

September 4, 1974

Samples Collected By: J. E. Walsh
Union Carbide Corporation

Samples Analyzed By: E. J. Kleber
Union Carbide Corporation

Union Carbide Corporation
Mining and Metals Division
Niagara Falls, New York

X400362

OBJECTIVES

Monitor airborne asbestos fiber at Georgia-Pacific Corporation, Marietta, Georgia, a manufacturer of joint cements.

OPERATION MONITORED

Air samples were collected August 7, 1974 during the makeup of two batches of ready-mix tape joint cement. Personal breathing zone samples were collected from the operator (Larry James) during the addition of asbestos and other dry ingredients.

EQUIPMENT AND PROCEDURE

Sampling and dust counting were carried out in accordance with OSHA Regulation 1910.93a, using the Bayer, Zummalde and Brown method for counting asbestos fibers by phase contrast microscopy (Bureau of Occupational Safety and Health, Feb. 1969).

Battery-powered air pumps (M.S.A. type) calibrated to 2 liters per minute were used to collect personal breathing zone samples on millipore membrane filters of 0.8 micron porosity.

Fiber counting was performed on a Vicker's phase contrast microscope utilizing a Porton reticle for sizing and field definition.

TEST RESULTS

Reported as fibers greater than 5 microns in length per cubic centimeter of air sampled. A fiber is defined as a material having an aspect ratio greater than 3:1.

X400363

SUMMARY OF FIBER COUNTS

Sample No.	Sampling Time	Description	Fibers/cc >5μ
I-41	5 min.	Personal - Operator (Larry James) during addition of 212 pounds Canadian 7RF9 and 87.5 pounds "Calidria" Asbestos SG-210.	15.7
J-15	7 min.	Personal - Operator during addition of all other dry ingredients in batch.	3.1
H-17	7 min.	Personal - Same description as I-41 on next batch.	20.9
I-17	4 min.	Personal - Same description as J-15 on next batch.	5.8

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