

Joint System Housekeeping Inspection
For Asbestos Control Program



TO - Bill Howard
FROM: D. M. Watson
cc: Sterling Clark ✓
Howard Schutte

Date 1-30-75

Bill: Beginning immediately please make the
attached inspection accompanied by Sterling and
keep a record of these inspections for Asbestos file.
Mr. Brown suggests once a month on inspections

Dave

HOUSEKEEPING INSPECTION PROCEDURE

The purpose of the housekeeping inspection procedure is to provide our joint systems operations a systematic method of control of housekeeping and to establish a record of this control to satisfy the Environmental Protection Agency and OSHA of our efforts to provide our employees with a work atmosphere which is in compliance with the Occupational Safety and Health Standards.

I. Plant Housekeeping Report

The form is simple and self-explanatory. The inspection areas may need some modification from one location to another. The second column is for indicating if a given area was inspected or not, and we have also provided some room for comments.

II. Rating Evaluation Sheet

The rating evaluation sheet is provided to assist inspectors in achieving uniform ratings for conditions observed during inspections. The evaluation sheet does not include all of the conditions to be inspected, but it is designed to give you a feel for classifying specific conditions into a rating category.

II. Inspection Frequency

The frequency of inspection is left to the discussion of the local manager dependent on need.

IV. Recordkeeping

The completed Plant Housekeeping Report forms should be filed and kept for a minimum of three years.

RATING EVALUATION

- Poor -** Conditions which would constitute a poor rating would include: Excessive accumulations of dust on floors, machines, building supports, stored materials, etc. Clothing, refuse, bottles, rags, etc., not properly stored or disposed of. Any unsanitary or unclean conditions existing in toilets, washrooms, showers or drinking fountains. Stored material upset, damaged stored materials not repaired, unnecessary accumulations of scrap, paper, bags, etc. Water, oil or grease spills or leaks, severe disorderly arrangement of materials, broken equipment such as pallets, bags, etc., and other dirty, unsightly or disorderly conditions not otherwise specified.
- Fair -** Conditions which would constitute a fair rating would include: Moderate accumulations of dust on floors, machines, building supports, stored materials, etc. Conditions existing in washrooms, showers, toilets or drinking fountains which would indicate that cleaning had been done; however, better cleaning is necessary. Stored materials improperly piled or arranged. Materials protruding into aiseways. Scrap, paper, bags, etc., left lying on floor, on loads or found on the ground, and other conditions which need improvement not otherwise specified.
- Good -** Conditions which would constitute a good rating would include: Light accumulations of dust on floors, machines, building supports, stored materials, etc. Conditions of the washrooms, showers, toilets and drinking fountains indicate that adequate cleaning is achieved; however, there is still room for improvement. Stored materials properly piled and arranged; however, straighter stacking and a more orderly arrangement of materials can be achieved. An occasional piece of scrap, paper or bag lying on the floor, on loads or found on the ground. These and other conditions not otherwise specified are satisfactory; however, improvement can still be achieved.
- Excellent** - Conditions which would constitute an excellent rating would include: Virtually no accumulations of dust on floors, machines, building supports, stored materials, etc. The washrooms, showers, toilets and drinking fountains indicate a superior job of cleaning. Stored materials properly piled and arranged in a complete orderly fashion. No scrap, paper or bags on floors, loads or ground. These and other conditions not otherwise specified are outstanding.

PLANT HOUSEKEEPING REPORT

JOINT SYSTEMS PLANT

PLANT LOCATION _____ DATE OF INSPECTION _____

INSPECTION AREA	INSPECTED - YES/NO COMMENTS	RATING			
		POOR	FAIR	GOOD	EXCEL- LENT
<u>OUTSIDE PLANT</u>					
Front of Plant					
Limestone Unloading					
Dust Collection					
<u>INSIDE PLANT</u>					
Dock					
Blender					
Hammer Mill					
Storage Bin					
Packer					
Ready-Mix Mixer					
Railroad Unloading					
Main Aisle of Plant					
Finished Goods Warehouse					
Raw Material Storage					
Lunch Room					
Rest Room					
Laboratory & Maintenance					
Office					
<u>GENERAL PLANT EVALUATION</u>					



intracompany memo

to **Mr. C. W. Lehnert**
from **D. C. Corkill**
subject **SHERWIN WILLIAMS CO.**

location **Tigard Lab**
location **Portland**
date **February 7, 1975**

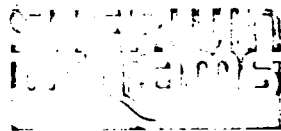
F We have just received the attached from Sherwin Williams Co. I have discussed this with Jim Hurd who has attached some material from his own files that relates to asbestos. We would appreciate it if you would respond to Sherwin Williams.

D. C. C.

I DCC:de

Attach.

L
E
cc: O. E. Burch - Portland
Jim Hurd - Portland



The Sherwin-Williams Company
101 Prospect Avenue, N. W.
Cleveland, Ohio 44115

January 23, 1975

Mr. George F. Baitinger, Product Mgr.
Georgia Pacific Corp.
900 S. W. 5th. Ave.
Portland, Oregon 97204

Spackling and Taping Compounds
Containing Asbestos

Dear Sir:

In April, 1974 and June, 1974 a letter from this office was sent to your company regarding the "U. S. Department of Labor Bulletin dated 3/27/74 -- OSHA alerts Employers and Employees to New Asbestos Hazards".

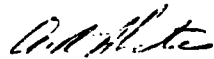
According to this release OSHA has learned of a new found source of hazardous exposure to asbestos fibers and that many spackling and taping compounds used to cover seams in dry-wall joints contain asbestos.

In order to comply with instructions of this directive it was requested in our letters of last year that we obtain from your organization an analysis of the products and specifically those that contain asbestos being sold to the Sherwin Williams Co. for resale. Upon a complete review of all the information that has been sent in, it was noted that your company was one of the few that did not honor this request. It becomes vitally important at this time, that you forward to our attention immediately complete analysis and a copy of your current labels for the above materials that are sold to our Corporation.

I cannot stress enough the urgency and cooperation of this request, otherwise, steps to remove your line from the approved source of supply could be taken.

Thank you in advance for your attention in this matter.

Very truly yours,


A. R. White
Buyer
Associated Products

ARW/pk

READY MIX - JOINT CEMENT

Section 1 - When completing this Data Sheet, name, address, telephone number, and trade name should be completed. Chemical name, chemical family and formula will remain blank.

Section 2 - Blank, with the exception of others. Insert asbestos and the %. TLV, note see Section V.

Section 3 - Blank

Section 4 - As noted

Section 5 - As noted

Section 6 and 7 - Blank

Section 8 and 9 - As noted

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Georgia-Pacific Corporation		EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street, City, State, and ZIP Code)		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS	
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS - Asbestos	See V	
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NONE	FLAMMABLE LIMITS UNFLAMMABLE	Lel	Uel
EXTINGUISHING MEDIA	IMCOMBUSTIBLE			
SPECIAL FIRE FIGHTING PROCEDURES	NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
 Asbestos-8 hour exposure time weighted average, 5 fibers/mi plus 5 microns
EFFECTS OF OVEREXPOSURE
 Prolonged exposure to asbestos may result in respiratory ailment

Improbably - low % of asbestos

EMERGENCY AND FIRST AID PROCEDURES

NONE

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE		

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASTE DISPOSAL METHOD

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
 When sanding - 3M 8500 or 3M 8710

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES NONE **EYE PROTECTION** When sanding

OTHER PROTECTIVE EQUIPMENT NONE

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING NONE

OTHER PRECAUTIONS NONE

location

location **Portland**

date February 28, 1975

Jim
J. R. H.

* Messrs. E. H. Allen - Buchanan
K. W. Brown - Acme
C. R. Coats - Lovell
O. B. Covington, Jr. - Fort Dodge
R. V. Favero - Marietta
C. F. Hummel - Sigurd
J. S. Jorgensen - Blue Rapids
M. S. Jorgensen - Wilmington, Del. - Gypsum
R. W. Nielsen - Grand Rapids - Gypsum
M. A. Palmowski - Chicago J. S. Plant
H. W. Scharf - Milford
C. G. Terry - Brunswick
I. F. Weibel - Akron, N. Y.

Reply sent
3-18-75 w/
cc to Hank

Georgia-Pacific



intracompany memo

to **Mr. J. R. Hurd**

location **Portland**

from **James L. Cheatham for H. W. Scharf**

location **Milford**

subject **Hazardous Materials**

date **3-18-75**

C

The last dust survey was completed at our plant on July 31, 1974 by Mr. E. J. Kleber of Union Carbide Corp.

J. L. C.

O

cc: Mr. H. W. Peele - Wilmington

P

Y

AIRBORNE ASBESTOS FIBER SAMPLING

Plant Milford

Date 5-7-75

Name Environment

Pump Serial No. B-06-0422

Title _____

Sampled by George Fowler

Signature _____

LOCATION	warehouse	DRY Blending AREA	DRY Blending AREA	WET Mix AREA	office
FILTER NO.	84	89	99	92	979
FLOW:					
Pump Setting	6	6	6	6	6
Liter/min (R)	1.7	1.7	1.7	1.7	1.7
TIME:					
On	7:27	10:44	12:45	1:45	3:30
Off	10:44	12:45 12:45	1:45	3:30	4:05
ELAPSED TIME (min) (t)	197	121	60	95	35
VOLUME, Liters (t x r)	335	206	102	162	60
REMARKS					
CONCENTRATION (F) fibers/ml	.43	1.28	.82	.68	.13

Total Sample Time (T) _____ mins.

Time Weight Av. Concentration =
$$\frac{(t_1 F_1) + (t_2 F_2) + (t_3 F_3) + \dots}{T}$$

George Fowler

Date: 5/1/65

ASBESTOS FIBER COUNT WORKSHEET

SAMPLE NO. 92

ELAPSED TIME (t) 95 mins.

FLOW RATE 1.7 l/min

VOLUME (V) 162 liters

FIELD AREA (a) 0.432 mm²

BLANK COUNT (b) _____ fibers/field

FILTER AREA (A) 855 mm²

AV. FIBER COUNT (f) .64 fibers/field

0		1	1	—	1	1
		2	2	—	—	—
		1	2	—	2	—
		3	—	—	—	1
		3	—	—	—	—
5		1	1	—	1	—
		—	—	—	—	1
		—	—	1	1	1
		—	—	—	1	1
		—	—	1	—	—
10		—	1	1	2	1
		1	—	—	1	1
		—	2	2	—	—
		2	1	—	2	2
15		—	1	3	1	1
		1	—	—	—	2
		—	1	2	—	—
		—	1	1	—	—
		1		—	—	1
20						
SUBTOTALS		16	13	10	12	13
						TOTAL <u>.64</u>

$$\text{Constant } k = \frac{A}{1000 a}$$

$$\text{Fiber Concentration (F)} = \frac{k (f-b)}{V}$$

$\frac{192(.64 - 0)}{162} = .64$

Date: 5/12/12

ASBESTOS FIBER COUNT WORKSHEET

SAMPLE NO. 97

ELAPSED TIME (t) 35 mins.

FLOW RATE 1.7 l/min

VOLUME (V) 60 liters

FIELD AREA (a) 0.0422 mm²

BLANK COUNT (b) 0.8 fibers/field

FILTER AREA (A) 855 mm²

AV. FIBER COUNT (f) 112 fibers/field

0					
	—	1	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	1	—
	—	—	—	—	—
5	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	1	—	—
	—	—	—	—	—
	—	—	—	—	—
	1	—	—	—	—
10	—	1	1	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	1	—
15	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	1	—	—
	—	—	—	—	—
20	1	—	1	—	—

SUBTOTALS

TOTAL 1

$$\text{Constant } k = \frac{A}{1000 a}$$

$$\text{Fiber Concentration (F)} = \frac{k (f-b)}{V}$$

$$\frac{198(112 - 0.8)}{60} = .13$$

Date: 4/10/55

ASBESTOS FIBER COUNT WORKSHEET

SAMPLE NO. 54

ELAPSED TIME (t) 197 mins.

FLOW RATE 1.7 l/min

VOLUME (V) 335 liters

FIELD AREA (a) mm²

BLANK COUNT (b) .08 fibers/field

FILTER AREA (A) 855 mm²

AV. FIBER COUNT (f) .80 fibers/field

0					
	-	-	-	6	-
	-	1	2	1	-
	1	2	-	1	-
	1	-	2	1	-
	-	-	-	-	2
5	1	1	2	-	-
	-	1	2	-	1
	-	1	-	-	2
	1	1	-	2	3
	-	-	-	1	2
10	1	1	-	1	1
	-	1	-	2	3
	1	-	-	1	2
	2	2	-	1	-
15	1	-	1	-	1
	1	-	1	2	2
	1	-	2	1	-
	2	-	-	1	-
	1	-	2	-	1
20					
SUBTOTALS	14	11	14	21	20
TOTAL <u>1.80</u>					

$$\text{Constant } k' = \frac{A}{1000 a}$$

$$\text{Fiber Concentration (F)} = \frac{k (f-b)}{V} = \frac{197(.80 - .08)}{335} = .3$$

Date: 1/28

ASBESTOS FIBER COUNT WORKSHEET

SAMPLE NO. 89

ELAPSED TIME (t) 121 mins.

FLOW RATE 17 l/min

VOLUME (V) 206 liters

FIELD AREA (a) 0.432 mm²

BLANK COUNT (b) 0.8 fibers/field

FILTER AREA (A) 855 mm²

AV. FIBER COUNT (f) 1.41 fibers/field

0	4	—	1	—	
	3	—	3	2	
	3	1	4	2	
	1	—	—	2	
	2	2	2	2	
5	1	—	2	2	
	1	5	1	2	
	1	2	1	—	
	2	2	2	2	
	4	—	—	4	
10	1	—	1	2	
	1	1	1	—	
	—	—	2	1	
	2	2	—	1	
15	1	3	—	2	
	—	2	—	1	
	—	—	1	1	
	2	2	2	—	
	1	—	—	—	
20					
SUBTOTALS	31	21	23	28	TOTAL 115

$$\text{Constant } k = \frac{A}{1000 a}$$

$$\text{Fiber Concentration (F)} = \frac{k (f-b)}{V}$$

$$\frac{198 (1.41 - 0.8)}{206} = 1.22$$

Date: 5/1/88

ASBESTOS FIBER COUNT WORKSHEET

SAMPLE NO. 99

ELAPSED TIME (t) 60 mins.

FLOW RATE 1.7 l/min

VOLUME (V) 102 liters

FIELD AREA (a) .00432 mm²

BLANK COUNT (b) 108 fibers/field

FILTER AREA (A) 855 mm²

AV. FIBER COUNT (f) 150 fibers/field

0	2	4	1	-	2
	1	-	-	1	1
	-	-	-	-	1
	1	-	-	-	-
	-	1	1	-	-
5	2	-	-	-	2
	1	1	-	1	-
	1	1	-	-	2
	-	1	-	1	-
	1	-	-	-	-
10	1	1	-	1	-
	-	-	-	-	1
	1	-	-	1	2
	-	-	1	2	-
15	1	-	-	-	-
	-	-	-	-	-
	1	1	1	-	-
	1	1	-	-	-
	-	1	1	-	1
20					
SUBTOTALS	14	12	5	7	12
					TOTAL <u>50</u>

$$\text{Constant } k = \frac{A}{1000 a}$$

$$\text{Fiber Concentration (F)} = \frac{k (f-b)}{V}$$

$$\frac{19.5(150-108)}{102} = 7.2$$

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

1.

ATLANTA AREA OFFICE
LA VISTA PERIMETER OFFICE PARK
BUILDING 10 - SUITE 03
TUCKER, GEORGIA 30084

CSHO NO.	OSHA-1 NO.	FY
T-2710	157	76
AREA	REGION	
0280	04	

TO:
2.

Georgia Pacific Corporation
P. O. Box 776
Marietta, Georgia 30060

3.
Date

August 7, 1975

THERE IS NO REQUIREMENT THAT
THIS NOTIFICATION BE POSTED.

NOTIFICATION OF PROPOSED PENALTY

This notification and the penalty(ies) proposed by the Secretary of Labor shall be deemed to be the final order of the Occupational Safety and Health Review Commission (an independent agency with authority to issue decisions respecting citations and proposed penalties) and not subject to review by any court or agency unless, within 15 working days from the date of receipt of this notification, you submit a letter of contest. The letter of contest should be mailed or otherwise delivered to the Area Director named below at the address shown at the top of this notification. If no notice of contest is filed within the 15 working day period the proposed penalty(ies) becomes final and is immediately payable.

Payment of all penalties shown is to be made by check or money order payable to the order of "Occupational Safety and Health-Labor". Payment of penalties should be remitted to the Area Director at the address shown above.

Section 17(1) of the Act states: "Civil penalties owed under this Act shall be paid into the Treasury of the United States and shall accrue to the United States and may be recovered in a civil action in the name of the United States brought in the United States district court for the district where the violation is alleged to have occurred or where the employer has its principal office."

On the 7th day of August, 1975, a citation(s) was issued to you in accordance with the provisions of Section 9(a) of the Occupational Safety and Health Act of 1970 (84 Stat. 1601; 29 U.S.C. 651, et seq.) hereinafter referred to as the Act. You were thus notified of certain alleged violations of the Act, as specified in that citation(s).

YOU ARE HEREBY NOTIFIED that pursuant to the provisions of Section 10(a) of the Act, the penalty(ies) set forth below is/ are being proposed, based on the citation(s).

5. <u>Non-Serious VIOLATIONS</u>			6. <u>VIOLATIONS</u>		
5A. <u>Citation No.</u>	5B. <u>Item No.</u>	5C. <u>Proposed Penalty</u>	6A. <u>Citation No.</u>	6B. <u>Item No.</u>	6C. <u>Proposed Penalty</u>
1	1	\$25.00			
	2	None			
	3	None			
	4	None			
	5	None			
	6	None			

7. Total Proposed Penalty for All Alleged Violations \$ 25.00

8. Area Director Joseph L. Camp Director

9. Date August 7, 1975

The proposed penalty for Nonserious Violations of safety and health standards reflects a 50 percent adjustment factor for corrective action to be taken within the period prescribed in the citation. If a particular alleged violation is not corrected within this period, the 50 percent adjustment will be added to such other penalty as may subsequently be proposed for failure to correct a violation within the abatement period. No abatement credit is allowed for violations of recordkeeping or posting requirements.

CITATION

ATLANTA AREA OFFICE
LA VISTA PARK CENTER PARK
BUREAU - CITY 35
TUCKER, GEORGIA 30074

T-2, 10	157	170
AREA	REGION	
0280	04	

TO: 2.

Georgia Pacific Corporation
P. O. Box 776
Marietta, Georgia 30060

3. Citation Number 14. Page 1 of 5. 1

6. TYPE OF ALLEGED VIOLATION(S): Non-Serious

An inspection was made on July 31 19 75 of a place of employment located at:8 1466 White Circle Court, Marietta, Ga.

and described as follows:

9 Manufacturing

On the basis of the inspection it is alleged that you have violated the Occupational Safety and Health Act of 1970, 29 U.S.C. 651 et seq., in the following respects:

10. Item number	11. Standard, regulation or section of the Act allegedly violated	12. Description of alleged violation	13. Date by which alleged violation must be corrected
1	29 CFR 1910.22(a)(1)	Failed to keep place of employment clean, orderly, and in a sanitary condition exposing employees to hazard of tripping and slipping at Ready or Wet Mix Area.	3 Working Days from receipt of Citation
2	29 CFR 1910.1001(f)(1)	Failed to perform initial determination of asbestos within six (6) months of the publication of section 1910.1001, exposing employees to the hazard of asbestos in the: a. Railcar unloading area b. Bagging Machine Operator c. Bag Stacker at Bagging Machine.	October 7, 1975
3	29 CFR 1910.1001(f)(2)	Failed to take asbestos samples for the determination of the 8 hour time-weighted average airborne concentration of asbestos fibers, exposing employees to the hazard of asbestos in the Dry Mixer.	October 7, 1975
4	29 CFR 1910.1001(g)(1)(i)	Failed to display caution signs at each location where airborne concentrations of asbestos fibers may be in excess of the exposure limits.	September 1, 1975
5	29 CFR 1910.1001(h)(2)	Failed to dispose asbestos bags and containers in sealed impermeable bags, or other closed impermeable containers.	3 Working Days from receipt of Citation
6	29 CFR 1910.1001(j)	Failed to provide employees exposed to asbestos a medical examination which shall include as a minimum a chest X-ray, history and pulmonary functions tests to include forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1.0).	October 7, 1975

The law requires that a copy of this citation shall be prominently posted in a conspicuous place at or near each place that an alleged violation referred to in the citation occurred. The citation must remain posted until all alleged violations cited therein are corrected, or for 3 working days*, whichever period is longer.

RIGHT OF EMPLOYEES

Any employee or representative of employees who believes that any period of time fixed in this citation for the correction of a violation is unreasonable has the right to contest such time for correction by submitting a letter to the U.S. Department of Labor at the address shown above within 15 working days* of the issuance of this citation.

No person shall discriminate or in any manner discriminate against any employee because such employee has filed any complaint or has testified or is about to testify in such proceedings or because of the exercise by such employee on behalf of himself or others of any right afforded by this Act." Sec. 11(c)(1) of the Occupational Safety and Health Act of 1970, 29 U.S.C. 651, 660(c)(1).

*Under the Occupational Safety and Health Act, the term "Working Day" means Mondays through Fridays but does not include Saturdays, Sundays, or Federal Holidays.

14.

Area Director's Signature Joseph L. Camp Issuance Date August 7 19 75

(NOTICE: Additional Important Information On Reverse Side)

Form OSHA-2