



7979 GSRI AVE • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

for

DOW CHEMICAL COMPANY
Post Office Box 150
B-3502E Hwy 1
Plaquemine, Louisiana 70764

ATTENTION: Jackie Paul

February 12, 1988

DO A 116529
CONFIDENTIAL



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DOW CHEMICAL COMPANY
Plaquemine, Louisiana

February 12, 1988

Sixteen (16) filter cassette samples were received on February 10, 1988, from Dow Chemical Company for asbestos fiber count. Fibers larger than 5 microns in length were counted by means of phase-contrast microscopy at a magnification of 400X. The procedure recommended by NIOSH Method 7400A was followed.

Pertinent information regarding fiber counts is as follows:

Field Area: 0.00785 mm² (Walton Beckett Graticule)

Effective Collecting Area:

385 mm² (25mm Cassette)

855 mm² (37mm Cassette)

Limit of Quantitation: 10 fibers/100 fields

Limit of Detection: > Average Blank Count

* Detection limits are based upon a minimal count of 10 fibers/100 fields.

Results are as follows:

<u>Sample ID.</u>	<u>Fibers</u> (>5um) <u>Observed</u>	<u>No. of</u> <u>Fields</u> <u>Observed</u>	<u>Fibers</u> <u>per</u> <u>Filter</u>	<u>Volume</u> <u>of</u> <u>Air (L)</u>	<u>Fibers</u> (>5um) <u>per c.c.</u> <u>of Air</u>
08771	43	100	21,089	-----	-----
08773	13	100	6,376	-----	-----
08780	6	100	2,943	-----	-----
(#1) 08781	100	21	233,550	-----	-----
08782	13	100	6,376	-----	-----
08792	3	100	1,471	-----	-----
08793	100	52	94,313	-----	-----
08794	2	100	981	-----	-----
08795	31	100	15,204	-----	-----
08796	68	100	33,351	-----	-----
(#2) 08797	-----	-----	-----	-----	-----
08799	32	100	15,694	-----	-----

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<u>Sample ID.</u>	<u>Fibers</u> <u>(>5um)</u> <u>Observed</u>	<u>No. of</u> <u>Fields</u> <u>Observed</u>	<u>Fibers</u> <u>per</u> <u>Filter</u>	<u>Volume</u> <u>of</u> <u>Air (L)</u>	<u>Fibers</u> <u>(>5um)</u> <u>per c.c.</u> <u>of Air</u>
08800	56	100	27,465	-----	-----
08801	4	100	1,962	-----	-----
08802	37	100	18,147	-----	-----
Blank	0	100	<490	-----	-----
Blank	0	100	<490	-----	-----

(#1) Fiber count may have been affected by high amount of particulate matter.

(#2) Filter received wet.

Kelley W Zempelt
for Philip W. West, Ph.D.
Laboratory Director

DO A 116531
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DOW CHEMICAL U.S.A.

MS NUMBER 116532 MS TITLE: FOR ANALYSIS
PURPOSE: SAMPLES FOR TESTING OF ANALYSIS

DATE: 6-10-88

SHIPPING COMPANY: J
FOR CHEMICAL: JPA
10150000 HIGHWAY 1
PERKINS

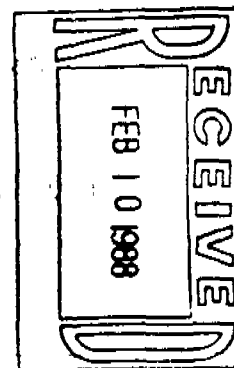
LA
20714

SHIP TO: J
WEST PAINT LABORATORIES: J
2972 GSPJ AVENUE
BATON ROUGE

DATE: 6-10-88

PICK UP FROM: 422153 J R PAUL
DATE: 6-10-88

PHONE: 1-0702
FAX: 1-0702



DATE: 6-10-88
DATE: 6-10-88
DATE: 6-10-88
DATE: 6-10-88

DATE: 6-10-88

DATE: 6-10-88

DATE: 6-10-88

MSI

FEB 10 1988

FINALIZED

Chris Little

1-10-88

DATE: 6-10-88

DATE: 6-10-88

DATE: 6-10-88

DO A 116532
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