FILE NAME: Garlock (GAR)

DATE: 1972-1976

DOC#: GAR026

DOCUMENT DESCRIPTION: Table of Fiber Count Data Sheets

G-7390 Table of fiber count data sheet in Aug-, 1972 (OSHA: 5 f/cc) >5µ
Since 12/7/71

		≤5	>5	>10	>20	
1972	p1	5	6	3		
	p2	3	8	6	3	[mostly 1-hr samples
	3	1	7	5	2	
	4	0	8	5	2	
	5	2	6	6	2	
	6	0	8	3		
	7	3	5	4		
	8	2	6	3	1	
	9	0	8	6	1	
1973	10	0	8	6		
	11	1	7	6	1	
	12	0	8	5		
	13	2	10	5	2	
	14	5	7	3		
	15	3	8	4		
	16	1	11	6	3	
	17	2	10	8	3	
	18	6	6	2		
	19	6	6	3		
	20	8	3	2	1	
Subtotals		50	146	91		
		196				

Data Sheet No.		≤5 fcc	>5	>10	>20	
	21	8	3	2		
	22	2	10	6	4	Sept. - most w/ windows closed
	23	0	12	12	4	
	24	2	10	9	6	
	25	1	11	9	8	(highest 84.5)
	26	1	11	10	6	30-min. samples high: 57, 77
1974	27	1	11	10	8	30-min. samples high: 50.7
	28	2	8	7	5	
	29	2	3	2	2	
	30	1	4			
	31	1	4	1		
	32	1	4	4	1	Empl. Mut. Garlock
	33	1	4	2		
	34	2	3	3	2	high: 72
	35	3	2	1	1	
	36	2	3	2		
1975	37	0	5	3		
	38	1	4	3	2	
	39	0	5	3	3	
	40	1	4	4		
	41	0	5	3	3	
	42	0	5	4	3	
	43	0	5	5	2	
	44	0	3	3	3	
	45	0	5	4	1	
	subtotals	32	144	112		
		176		(Garlock count in sheet 32.)		

Data Sheet No.		≤5 f/cc	>5 f/cc	>10	>20	
	46	0	5	4	2	
	47	0	5	5	3	
	48	1	2	2	1	high 61
1/76	49	2	3	2	1	high 63
	Subtotals	3	15	13		
			18			
	TOTALS	85	305	216		
			390 fiber counts			

Observations

Slightly under 1/4 of the recorded exposures were definitely within legal limits (≤5 f/cc longer than 5 M.

More than half of the recorded exposures violated the peak exposure limit for 15-min. periods allowed by OSHA (10 f/cc)

There seems no trend of improvement, with ratios of illegal counts : legal ones worse on pp 2-3 of the data. Also

1975+'75 $\frac{7+17}{18+43}$ counts over 20 f/cc counts total

$= \frac{24}{61} =$ 39% of counts over 20

1972+1973 $\frac{28+21}{196+71} = \frac{49}{267} =$ 18% over 20