

MCA

Mortality study

<u>COLUMNS</u>	<u>ITEM</u>	<u>CODE</u>
1-4	ID number	Number
5-6	Starting year for subject's plant	Date
7-10	Month and year born	Date
11	Vital status as of 12/31/72	1 alive 2 dead 9 unknown
12	Record status	1 working 2 retired 3 terminated 4 died an employee
13-16	Month and year hired	Date
17-18	Years worked	Number
19-22	Month and year of death	Date
23-26	Cause of death	ICD 1955
27-28	Age at death	Number
29	Race if dead	1 white 2 black 3 oriental 4 Spanish American 5 American Indian 6 Filipino 7 other
30-33	Month and year VC exposure started	Date
34-38	Time weighted total	Carried to 1 decimal place Unknown-blank
39-41	Total months exposed	Number Unknown-blank

COHORT BY TYPE OF PLANT AND YEAR RECORDS BEGIN

	PRIOR TO 1959	1959- 1960	AFTER 1960	TOTAL
COMPLETE RECORDS:				
PVC	4,828	93	1,511	6,432
VCM	102	-	50	152
PVC/VCM	559	-	-	559
OTHER	739	-	-	739
TOTAL	6,228 6,510	93	1,561	7,882
INCOMPLETE RECORDS:				
PVC	289	-	181	470
VCM	577	23	462	1,062
PVC/VCM	331	45	-	376
OTHER	383	-	-	383
TOTAL	1,580 1,625	68	643	2,291

SUMMARY:				
PVC	5,117	93	1,692	6,902
VCM	679	23	512	1,214
PVC/VCM	890	45	-	935
OTHER	1,122	-	-	1,122
TOTAL	7,808	161	2,204	10,173

PLANTS WITH INCOMPLETE DATA

PRIOR TO 1959		BEGINNING DATES 1959-1960		AFTER 1960		TOTAL
#11	92	#10	45*	#3	86	
#12	383*	#16	23	#9	119	
#14	104			#13	67	
#26	289			#23	57	
#27	331			#24	133	
#29	<u>281</u>			#31	<u>181</u>	
Total	1,580		68		643	2,291

*Data collected by TCA but returned to company at close of study

SUMMARY:	PRIOR TO 1959	1959-1960	AFTER 1960
Number of plants:	6	2	6
Number of companies:	2	0	3
Companies included:	Dow Uniroyal		Allied P.P.G. Stauffer

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EXPOSURE INFORMATION

PLANT NO.

1 No information in file
2 Relative levels; no quantification
3 Low = Less than 50 ppm
Medium = 50-199 ppm
High = 200-500 ppm
5 Relative levels; no quantification
6 Only Medium and Low; no quantification
7 No information in file
9 No information in file
10 No information in file
11 No information in file
12 Quantified exposure; 50-300 ppm
(halved after '58)
13 No information in file -
14 No information in file
15 No information in file
16 All exposures less than 50 ppm;
all classified Low
17 Low = 50 ppm and less
Medium = 50-100 ppm
High = 100 ppm
18 Relative levels; no quantification
19 Relative levels; no quantification
21 Relative levels; no quantification
23 No exposure over 50 ppm; all classified Low
24 No information in file
25 No information in file
26 No exposure over 50 ppm; all classified Low
27 No information in file
29 No information in file
30 No information in file
31 Classifications not clear in file
32 No exposure over 50 ppm; all classified Low
33 Relative levels; no quantification
34 Low = Less than 50 ppm
Medium = 50-199 ppm
No High
36 Low = 0-50 ppm
Medium = 50 ppm
High = 50-199 ppm
37 Low = 0-100 ppm
Medium = 100-500 ppm
No High
38 Low = Less than 50 ppm
Medium = 50-200 ppm
High = Greater than 200 ppm
39 No information in file
40 All classified Low
41 No information in file
42 All classified Low and Medium; no quantification
43 All classified Low and Medium; no quantification

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PLANTS WITH COMPLETE AND USEABLE RECORDS

PRIOR TO 1959		BEGINNING DATES 1959-1960		AFTER 1960		TOTAL
#1	150**	#32	93**	#5	163*	
#2	87**			#7	226**	
#6	241*			#17	25**	
#15	559			#19	353*	
#18	502*			#21	50**	
#25	1,422*			#34	54**	
#30	576*			#36	238*	
#33	2,211*			#38	68**	
#37	277**			#39	226*	
#40	102*			#41	97**	
#42	101*			#43	61**	
Total 6,228		93		1,561		7,882

*Records collected by TCA investigators

**Rosters provided by plants

SUMMARY:	PRIOR TO 1959	1959-1960	AFTER 1960
Number of plants:	11	1	11
Number of companies:	9	0	3
Companies included:	Air Products Borden Diamond Shamrock Ethyl Firestone Goodrich Monsanto Tenneco Union Carbide		Conoco Goodyear Monochem

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<u>COLUMN</u>	<u>ITEM</u>	<u>CODE</u>
42-43	Time weighted average	Carried to one decimal place Unknown-9.0
44	Blank	
45-46	Highest exposure experienced	Carried to one decimal place Unknown-blank
47	Highest level at or above which subject spent at least 12 mos.	Number Unknown-blank
48-51	Date at which weighted total reached 49	Month and year
52-55	Date at which weighted total reached 99	Month and year
56-59	Date at which weighted total reached 199	Month and year
60-63	Date at which weighted total reached 299	Month and year
64-67	Date at which weighted total reached 399	Month and year
80	Deck ID number - MCA	3