

Summary of Animal Inhalation Tests Related to RCF

Fiber Type	Animals at Risk	Exposure duration (h/d; d/w; wks)	Concentration WHO f/cc (SD) mg/m ³ (SD)	Tumor Incidence (%)		Reference
				Lung	Mesothelial	
Syrian Hamster Experiments						
Air Control	58	6; 5; 104	0	2	0	Smith 1987
Kaolin	70	6; 5; 104	200	0	1	
Air control	119	6; 5; 104	0	0	0	McConnell 1995
Kaolin	112	6; 5; 104	256 (58) 29.2 (7.7)	0	38	
SPF Wistar Rats (AF/HAN) Experiment						
Unspecified	48	7; 5; 52	95	17	0	Davis 1984
Fischer Rat (344/N) Experiments						
Air Control	130	6; 5; 104	0	1.5	0	Mast 1995a
Kaolin	121	6; 5; 104	234 (35) 29.1 (5.2)	14.0	1.7	
Mock after service Kaolin	118	6; 5; 104	206 (48) 30.1 (7.8)	4.2	0.8	
High purity	121	6; 5; 104	213 (44) 29.2 (7.0)	14.0	1.7	
Zirconia containing	121	6; 5; 104	268 (45) 28.9 (4.5)	8.3	2.5	
Air control	132	6; 5; 104	0	0.8	0	Mast 1995b
Kaolin	126	6; 5; 104	162 (37) 16.5 (1.1)	1.6	0	
Kaolin	128	6; 5; 104	91 (34) 8.8 (0.7)	3.9	0.8	
Kaolin	125	6; 5; 104	36 (17) 3.0 (0.4)	1.6	0	

References

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