

Table S1. Characteristics of the French cohort of titanium dioxide workers

Characteristics	<i>N (%)</i>
Total number of workers	833 (100)
Cumulated person-years	17390 (100)
Ever exposed to TiO ₂	631 (75.8)
Only exposed to TiO ₂	23 (2.8)
Non-smokers	317 (38)
Ex-smokers	152 (18)
Smokers	43 (5)
Workers with unknown smoking status	324 (39)
Status at study end-point	<i>N (%)</i>
Alive	702 (84.3)
Deceased	109 (13.1)
Lost to follow-up	21 (2.5)
Missing cause of death	1 (0.1)
Number of death from lung cancer	16 (1.9)
Co-exposure to asbestos	132 (15.8)
Co-exposure to H ₂ SO ₄	711 (85.4)
Co-exposure to welding fumes	28 (3.4)
Co-exposure to other dusts	621 (74.5)
Average age (years)	<i>Mean (SD)</i>
At hire	27 (8.4)
At entry into cohort	28.2 (8.3)
At study end point (31 December 1997)	48.9 (10.8)
Length of employment (years)	14.2 (10.4)
Length of follow-up (years)	20.9 (7.8)
TiO ₂ exposure*	<i>Mean (SD) [range]</i>
Cumulative (mg/m ³ .year)	7.4 (9.5) [0.01-69.1]
Annual average (mg/m ³)	0.63 (0.7) [0.0002-3.6]
Co-exposure (annual average)*	<i>Mean (SD) [range]</i>
Asbestos (f/L)	1.70 (1.7) [0.004-4.8]
H ₂ SO ₄ (mg/m ³)	0.01 (0.01) [0.0001-0.06]
Welding fumes (mg/m ³)	2.08 (1.6) [0.19-6.15]
Other dusts (mg/m ³)	0.17 (0.19) [0.001-2.1]

*Exposure concentration among exposed workers