

Supplementary material:

Sinonasal adenocarcinoma following styrene exposure in the reinforced plastics industry

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Supplementary table 1. Incidence rates and unadjusted incidence rate ratios with 95% confidence intervals of sinonasal adenocarcinoma, squamous cell carcinoma, and a category of other histological subtypes by cumulative styrene exposure level in the Danish reinforced plastics industry, 1968-2011

Cumulative styrene exposure level	Adenocarcinoma (n=9)		Squamous cell carcinoma (n=15)		Other histological subtypes (n=13)	
	IR ^a	IRR (95% CI)	IR ^a	IRR (95% CI)	IR ^a	IRR (95% CI)
<37 mg/m ³ -years	0.13	1.00 (reference)	0.63	1.00 (reference)	0.76	1.00 (reference)
≥37 mg/m ³ -years	1.01	8.00 (1.00-63.97)	1.26	2.00 (0.68-5.85)	0.88	1.17 (0.39-3.47)
Per 100 mg/m ³ -years		1.10 (1.03-1.18)		1.03 (0.91-1.18)		0.88 (0.59-1.31)

Abbreviations: IR=incidence rate; IRR=incidence rate ratio; CI=confidence interval

^aPer 100,000 person-years

Supplementary table 2. Odds ratios with 95% confidence intervals of sinonasal adenocarcinoma by styrene exposure received during the prior <15, 15-29 and >30 years in the Danish reinforced plastics industry, 1968-2011

Styrene exposure	>15 years prior	15-29 years prior	≥30 years prior
	OR ^a (95% CI)	OR ^a (95% CI)	OR ^a (95% CI)
Never exposed	1.00 (reference)	1.00 (reference)	1.00 (reference)
Ever exposed	3.88 (0.71-21.05)	0.80 (0.18-3.67)	0.43 (0.06-3.33)

Abbreviations: OR=odds ratio; CI=confidence interval

^aCases and controls are matched on age, sex, and employment in a reinforced plastics company producing boats or in wood industry (never, ever, unknown)