

**Annex table 3. Hazard categories of the health effects caused by dermal exposure, i.e. the grouping of the R-phrases.  
(See table 2 in the manuscript)**

<b>Slight harm</b>	<b>Moderate harm</b>	<b>Extreme harm</b>
R20	R24	R27
R36	R29	R28
R38	R31	R32
R20/21	R15/29	R35
R20/22	R33	R39
R20/21/22	R34	R41
R21/22	R40	R45
R36/37	R43	R46
R36/38	R48	R49
R36/37/38	R62	R60
R37/38	R63	R61
R66	R64	R26/27
R67	R68	R26/28
	R23/24	R26/27/28
	R23/25	R27/28
	R23/24/25	R39/24
	R24/25	R39/25
	R42/43	R39/23/24
	R48/21	R39/24/25
	R48/22	R39/23/24/25
	R48/20/21	R39/27
	R48/21/22	R39/26/28
	R48/20/21/22	R39/26/27/28
	R48/23	
	R48/24	
	R48/25	
	R48/23/24	
	R48/23/25	
	R48/24/25	
	R48/23/24/25	
	R68/21	
	R68/20/21	
	R68/22	
	R68/21/22	
	R68/20/21/22	

**Annex table 4. Hazard categories of the health effects caused by inhalation exposure, i.e. the grouping of the R-phrases.  
(See table 2 in the manuscript)**

<b>Slight harm</b>	<b>Moderate harm</b>	<b>Extreme harm</b>
R20	R23	R26
R36	R29	R28
R37	R31	R32
R20/21	R15/29	R35
R20/22	R33	R39
R20/21/22	R34	R41
R21/22	R40	R42
R36/37	R48	R45
R36/38	R62	R46
R36/37/38	R63	R49
R37/38	R68 (former R40)	R61
R66	R64	R26/27
R67	R23/24	R26/27
	R23/25	R26/28
	R23/24/25	R26/27/28
	R24/25	R27/28
	R48/20	R39/23
	R48/22	R39/25
	R48/20/21	R39/23/24
	R48/20/22	R39/24/25
	R48/20/21/22	R39/23/24/25
	R48/23	R39/26
	R48/25	R39/26/28
	R48/23/24	R39/26/27/28
	R48/23/25	R42/43
	R48/24/25	
	R48/23/24/25	
	R68/20	
	R68/22	
	R68/20/22	
	R68/21/22	
	R68/20/21/22	