

Supporting Information

Table S1. Summary of VOC health risk assessment

pollutants	HI				
	plastic products	Packaging and Printing	ink	furniture manufacturing	vehicle manufacturing
		1.26E-01	9.69E-03	2.06E-02	2.17E-02
Pentane	5.54E-01	~	~	~	~
		3.72E-01	1.81E-02	2.35E-02	2.38E-02
		1.63E-02	2.75E-04		
Hexane	4.45 E-03	~	~	/	/
		1.20E-01	7.34E-03		
		2.93E-02	1.45E-02	2.07E-02	1.30E-03
Heptane	7.14 E-03	~	~	~	~
		1.22E-01	4.54E-01	2.90E-02	3.29E-03
		4.97E-02	3.24E-02	0.00E+00	
Nonane	3.99 E-02	~	~	~	/
		6.77E-02	6.11E-02	1.14E-02	
		3.48E-02	5.20E-04	0.00E+00	
1,3-Butadiene	5.78 E-02	~	~	~	/
		4.91E-01	1.68E-02	5.55E-03	
		5.36E-03	2.36E-03	1.22E-04	
methyl chloride	1.13 E-02	~	~	~	/
		7.33E-03	5.61E-03	3.96E-04	
		4.25E-05	2.17E-05		
1,1-Dichloroethylene	9.96E-05	~	~	/	/
		6.41E-04	7.95E-05		
carbon tetrachloride	1.53E-03	1.38E-03	2.62E-03	2.56E-04	6.76E-05
		~	~	~	~
		1.61E-03	1.04E-01	4.44E-04	4.44E-04
		9.57E-02	2.05E-01	0.00E+00	
1,2-Dichloropropane	2.10E-01	~	~	~	/
		1.53E-01	4.02E-01	3.27E-03	
		1.27E-01	3.26E-01		
1,1,2-Trichloroethane	2.93E-01	~	~	/	/
		6.14E-01	6.01E-01		
		2.60E-02	4.18E-03	5.06E-03	
Tetrachloroethylene	6.76E-02	~	~	~	/
		5.12E-02	1.06E-02	1.06E-02	
		3.28E-03	1.39E-03		
chlorobenzene	2.53E-02	~	~	/	/
		6.33E-03	3.71E-03		

m-dichlorobenzene	3.38E-04	3.95E-04			
		~	/	/	/
p-dichlorobenzene	1.71E-04	3.78E-03			
		1.07E-04	0.00E+00		
		~	~	/	/
o-Dichlorobenzene	8.32E-05	2.86E-04	2.73E-04		
		2.54E-05	0.00E+00		
		~	~	/	/
benzene	4.74E-01	1.03E-03	2.47E-04		
		1.85E-01	4.67E-02	5.08E-03	4.20E-03
		~	~	~	~
Toluene	1.56E-02	6.76E-01	2.78E-01	1.54E-02	4.79E-03
		2.48E-02	1.97E-02	5.00E-03	
		~	~	~	/
Ethylbenzene	2.37E-02	6.43E-02	5.41E-01	6.38E-03	
		2.21E-02	4.68E-03	6.54E-04	
		~	~	~	/
m-paraxylene	3.21E-01	3.72E-02	2.10E-02	4.40E-03	
		3.52E-01	3.28E-02	0.00E+00	
		~	~	~	/
Styrene	7.52E-02	5.73E-01	2.45E-01	3.62E-02	
		2.82E-03	8.09E-03	0.00E+00	
		~	~	~	/
O-xylene	2.62E-01	6.06E-03	2.18E-02	2.10E-03	
		2.14E-01	8.60E-03	0.00E+00	
		~	~	~	/
		3.63E-01	1.94E-01	4.86E-03	

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