hydrochloric acid								3 0 0		SD-39	C-30		8–58
hydrocyanic acid	0	6	41		79			4 4 2		SD-67			9–56
hydrofluoric acid								4 0 0	459	SD-25	C-59		3–56
hydrogen	gas	4 0	75		−422			0 4 –					
hydrogen peroxide (52%)		nonflammable						2 0 3		SD-53			9–57
hydrogen sulfide	gas	4 3	45	500	−76			3 4 0	284	SD-36	C-38		2–63
hydroquinone	329			960	545								4–63
iodine					364				457				8–65
isocyanates TDI (and MDI)	–	0 9	9 5		119 (at 10mm)			2 1 0	489	SD-73	C-70		2–67
isophorone	205	0 8	3 8	864	419	22	200 (approx)	2 1 0					
isoprene	−65				93			2 4 1					
kerosene	100	0 7	5		304 to 574			0 2 0					
lead				518 (powder)					443	SD-64			4–58

*Open cup flash point
**The higher the number, the slower the evaporation rate
† Number in this column refers to date of publication in *AIHA Journal*