Propylene oxide	−35	2 1	21 5	–	D-1,3	1,3	Cor	C	2 4 2				6–59
Propyne	gas	1 7	–	–	D-1,5	1,3	–	A	2 4 2				
Pyridine	68	1 8	12 4	41	W 1,3,7	1,2,3	3	B,D	2 3 0	310			8–63
Selenium				–	W-7,6	3,2,5	–	C		578		C-56	6–59
Silica or silicates				–	C-6	3,5	1	A		531			4–58, 9–57
Silver nitrate				–	C 2,3	4,2,3	4	C	1 0 1				9–57
Sodium				–	D-1,7	5,4,2	Cor	C	3 1 0	231	SD 47		
Sodium chlorate				–	W-2,7	5,4,2	4	C	1 0 2	371	SD-42	C-62	2–58
Sodium cyanide				–	D 6,7	5,3,2	6	–			SD-30		
Sodium dichromate				–	W-6,7,2	3,2,5	4	C			SD-46		
Sodium hydroxide				–	D-7,6	2,3	Cor	C	3 0 1	214, 373	SD-9		
Stoddard solvent	105	0 8	5 0	20	C-1,4	1,3	3	D	0 2 0				
Styrene monomer	90	1 1	6 1	28	C-4,1,7	3,2,1	–	D	2 3 –		SD-37	C 48	10–68
Sulfur				–	C 6,7,1	3,2,1	3	A	2 1 0	612	SD-74		
Sulfur chlorides	245			–	W-7,3	3,4,5	–	C	2 1 0		SD-77		
Sulfur dioxide				–	D-3	3,5	–	C	3 0 0		SD-52	C-39	12–55
Sulfuric acid				–	D 7,3,2	3,4	Cor	C	3 0 1	325	SD-20	C-12	9–57

* Open cup flash point
† Number in this column refers to date of publication in *AIHA Journal*