

Chemical Name CAS-Number	Colour/Form	Boiling Point (°C)	Melting Point (°C)	Molecular Weight	Solubility in Water	Relative Density (water=1)	Relative Vapour Density (air=1)	Vapour Pressure/ (Kpa)	Inflam. Limits	Flash Point (°C)	Auto Ignition Point (°C)
CALCIUM SILICATE 1344-95-2	white powder				insol	2.9					
ETHYL SILICATE 78-10-4	colourless liquid	168.8	-82.5	208.30	insol	0.933	7.22	1.0 mm Hg	1.3 ll 23 ul	52 oc	
METHYL DICHLOROSILANE 75-54-7	colourless liquid	41	-93	115.04	sl sol	1.10 @ 27 °C	3.97	46	6.0 ll 55 ul	-9 cc	316
METHYL SILICATE 681-84-5	colourless liquid	121-122	-2	152.25	reacts	1.032	5.3	2.2			
METHYL TRICHLOROSILANE 75-79-6	colourless liquid	66.4	-90	149.48	reacts	1.27 @ 25 °C	5.17	17.9	5.1 ll ? ul	8	404
POLYDIMETHYLSIL- OXANE 9016-00-6	clear fluids available in wide range of viscosities				insol	0.97				>200	
SILANE, DICHLORO- 4109-96-0	compressed, liquified gas	8.2	-122.0	101.01		1.22	3.484		4.1 ll 99 ul	-307	100 58
SILICIC ACID, DISODIUM SALT 6834-92-0	colourless monoclinic crystals; usually obtained as a glass; also orthorhombic crystals; dustless white granules		1089	122.07	sol	2.614					
SILICON CARBIDE 409-21-2	exceedingly hard, green to bluish-black, iridescent, sharp crystals; hexagonal or cubic		2600	40.07	insol	3.23					
SILICON MONOXIDE 10477-28-6	amorphous black solid					2.15-2.18					
SILICON TETRAHYDRIDE 7803-62-5	gas; colourless	-112	-185	32.13	slowly decomposes	16.32 @ 19 °C	1.114		1.37	-22	
SILICON TETRA- FLUORIDE 7783-61-1	colourless gas	-86	-90.2	104.06		1.590 @ -80 °C (liquid)	3.57				
SILICON 7440-21-3	black to gray, lustrous, needle-like crystals or octahedral platelets (cubic system); amorphous form is dark brown powder	2355	1410	28.0855	insol		2.33 @ 25 °C/4 °C				
SODIUM SILICATE 1344-09-8	colourless to white or grayish-white, crystal- like pieces or lumps; lumps of greenish glass;				sl sol						

	white powders; liquids cloudy or clear										
TETRACHLOROSILANE 10026-04-7	colourless, clear, mobile liquid	59	-70	169.89		1.52 @ 0 °C/4 °C	5.9	0.14 Pa @ 5.4 °C			
TRICHLOROSILANE 10025-78-2	colourless liquid	31.8	-126.5	135.47		1.3417	4.7	13.3 @ -16.4 °C	1.2 ll 90.5 ul	-14 oc	93-104
TRIMETHYLCHLOR- OSILANE 75-77-4	colourless liquid	57	-57.7	108.66	reacts	0.854 @ 25 °C	3.75	26.7	1.8 ll 6 ul	-27	