

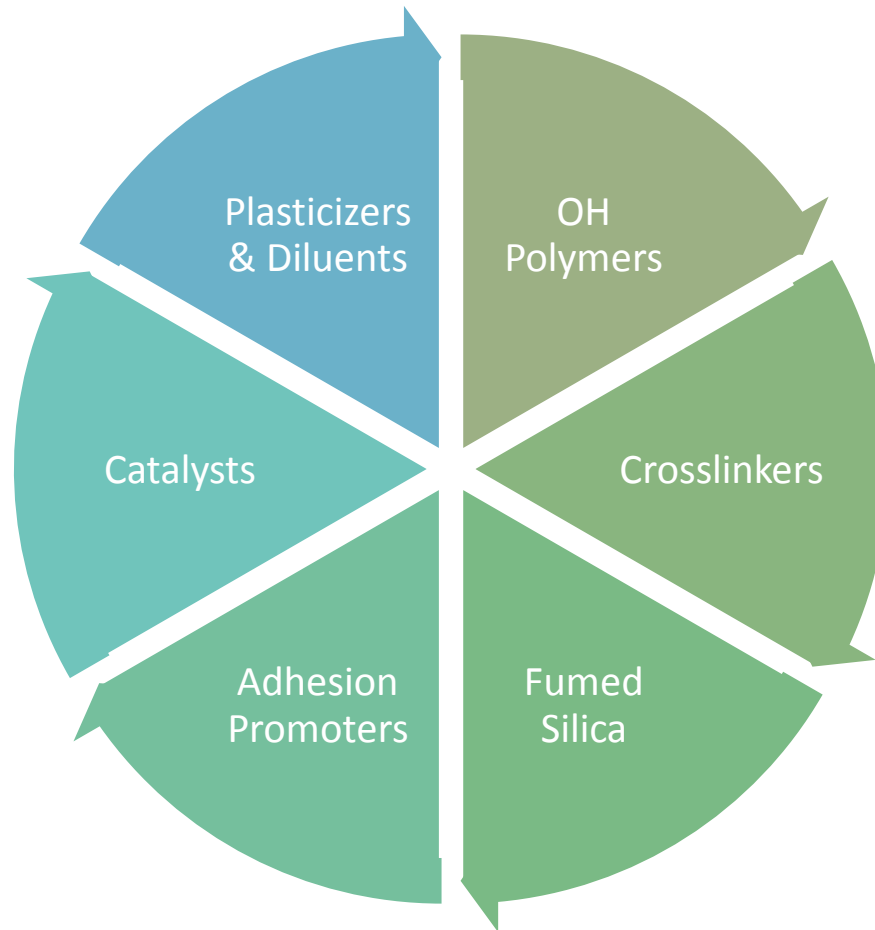
Silanes & Silicones for RTV-2 sealant compounding Condensation Curing System



SiSiB SILICONES - A part of PCC group.

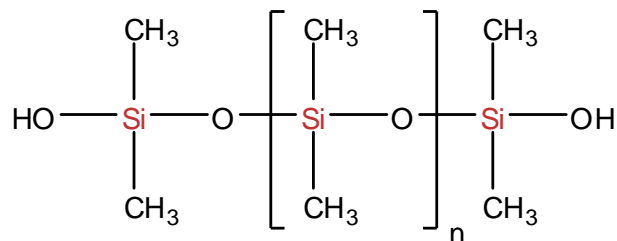
Your Reliable Partner in the Silicone Field!

SiSiB[®] SILICONES for RTV-2 (Condensation)



SiSiB[®] SILICONES for RTV-2 Silicone OH Polymers

Silanol end-capped Polydimethylsiloxane



Low viscosity fluids (SiSiB[®] OF0025, PF1070, 25cSt. – 750cSt.)

Middle viscosity fluids (SiSiB[®] PF1070, 1000cSt. - 10000cSt.)

High viscosity fluids (SiSiB[®] PF1070, 20000cSt. - 150000cSt.)

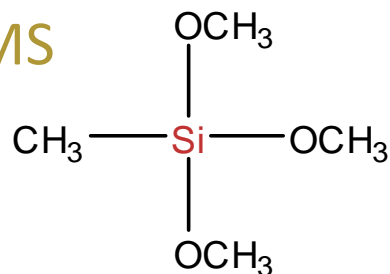
Silanol end-capped silicone polymers are used for the manufacturing of:

- a. condensation cured RTV-2 systems;
- b. RTV-1 adhesives and sealants.

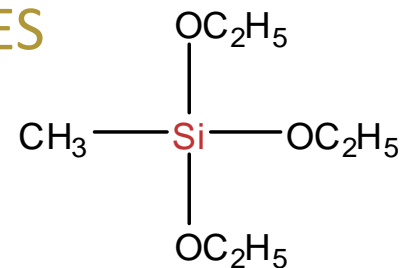
SiSiB[®] SILICONES for RTV-2

Crosslinkers

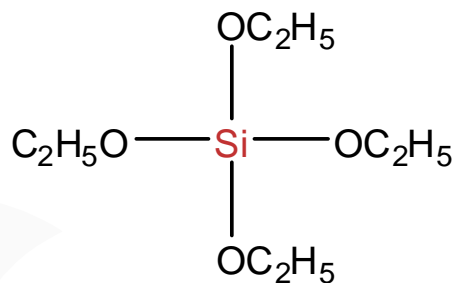
PC5131 MTMS



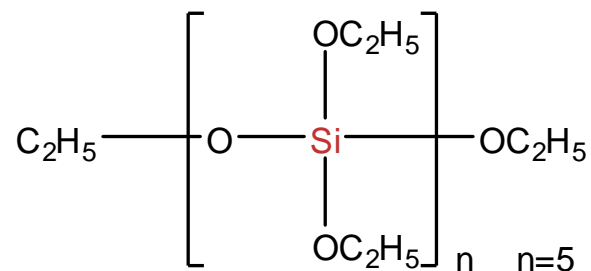
PC5132 MTES



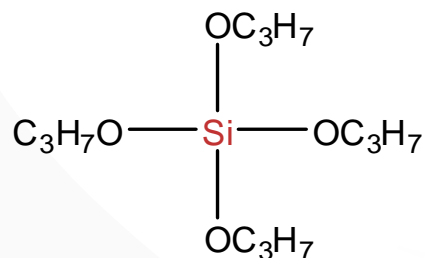
PC5420 TEOS



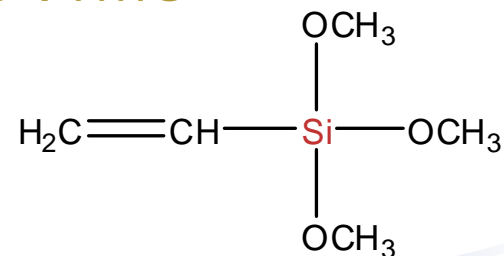
PC5424 TEOS-40



PC5430 TPOS



PC6110 VTMO



SiSiB[®] SILICONES for RTV-2 Adhesion Promoters



Adhesion Promoters

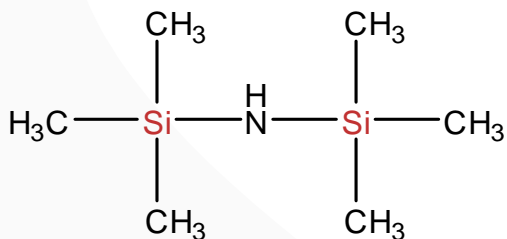
- Amino Silane
- Epoxy Silane
- Chloro Silane
- Isocyanate Silane
- Mercapto Silane
- Methacrylate Silane
- Phenyl Silane
- Thiocyanato Silane
- Ureido Silane
- Vinyl Silane

Hydrophilic Fumed Silica

Fumed Silica	BET surface area [m ² /g]	Loss on drying [wt.%]	pH value
SiSiB [®] FS0150	150 +/- 15	Max. 1.0%	3.6-4.3
SiSiB [®] FS0200	200 +/- 15	Max. 2.0%	3.6-4.3

SiSiB[®] PC9210 HMDZ

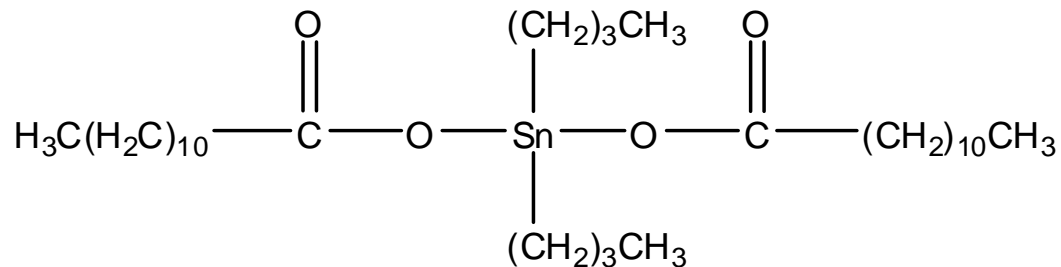
It can be used as hydrophobing agent for fumed silica.



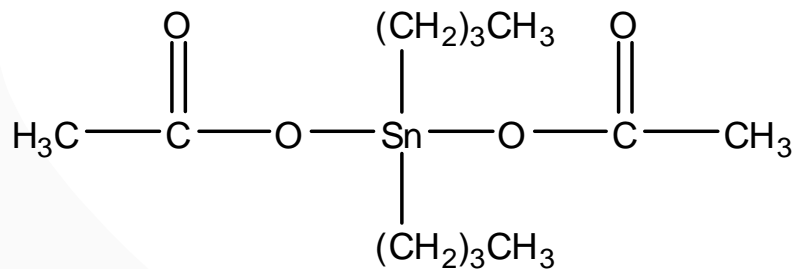
SiSiB[®] SILICONES for RTV-2

Tin Catalysts

PowerCat[™] DBTDL, CAS 77-58-7, Dibutyltin Dilaurate



PowerCat[™] DBTDA, CAS 1067-33-0, Dibutyltin Diacetate



- PCC group is established in 1989.
- With over 26 years experience, now PCC/SiSiB is one of the leading professional silicone material producers.
- PCC have 7 joint ventures (factories) for silicone related. One major intermediates production site for upstream applications and six downstream production units.
- Annual capacity:
 - 30,000 tons organosilanes.
 - 15,000 tons silicone fluids.
 - 23,000 tons silicone rubbers.
 - 10,000 tons fumed silica.