



Specializing in the production of functional silanes

Jiangxi Chenguang New Materials Co., Ltd.



1

Industry Chain

3

R&D Centers

3

Production Bases

3000⁺

Customers



WHO ARE WE?

Jiangxi ChenGuang New Material Co., Ltd. (Stock Code: 605399) is a specialty chemical company that is engaged in the development, production, and sales of functional silane basic materials, intermediates, and downstream products.

From product research and development, to the design of production processes and programs, to the innovation of production equipment, ChenGuang possesses a full range of proprietary intellectual property rights and patent protection throughout the entire industrial chain.

ChenGuang is also the first company in the functional silane industry to be listed on the main board of the Shanghai Stock Exchange.

Honors and Qualifications

Qualifications



Honors



Reach Registration Certificate



Follow our public account to learn more about our honors

Company Growth History

2001

Jiangsu Chengguang Coupling Agent Co., Ltd. was founded and launched its first coupling agent product KH-560.

2006

Establishment of Nobel (Jiujiang) High-Tech Materials Co., Ltd.

2009

Production of trichlorosilane products with an annual capacity of 20,000 tons has commenced.

2014

Approved as a provincial-level enterprise for innovation enhancement activities.

2015

The production of amino-propyl silane and vinyl silane products has commenced. Certified by ISO/TS16949:2009

2016

Post-doctoral innovation practice base approved for establishment. Our company's design center has been recognized as a provincial-level industrial design center. Approved as a national high-tech enterprise

2017

Approved as Provincial Engineering and Technology Research Center for Silane Coupling Agents. The company has completed its shareholding system reform.

2018

This company was approved as a gazelle enterprise in Jiangxi Province and is also known for harmonious labor relations and technological innovation in the region.

2019

Won first batch of national "Little Giant" enterprises, recognized as a national model for harmonious labor relations.

2020

Be the first functional silane industry company to be listed on the Shanghai Stock Exchange Main Board.

2021

Production base in Anhui province launches "Functional Silane Project with Annual Capacity of 300,000 Tons"

2022

Production base in Ningxia launches annual output of 300,000 tons of silicon-based and aerogel new material project

2023

Top 10 Organic Silicon Listed Companies in China. Completion of the 65,000 Tons Organic Silicon Expansion Project

2024

Phase I of the Ningxia base launched. Certified by EcoVadis

Our Current Situation



1 Complete Industrial Chain

To ensure stable and secure services, we handle all key production steps in-house. This includes selecting silicon according to strict standards, producing raw material trichlorosilane, and creating different intermediates and finished products.



3 R&D Centers

Jiujiang, Jiangxi/Tongling, Anhui: improvement of silane production process
Nanjing, Jiangsu: Customized formulations and silicone related projects.



3 Production Bases

Jiujiang, Jiangxi: Main factory, raw materials & finished products
Tongling, Anhui: Under construction, raw materials & finished products
Zhongwei, Ningxia: Under construction, raw materials



3000+ Customers

Our customers cover the globe and are present in many industries including new energy, new materials, internet, automotive, coatings, and more. Our constant mission has been to create value for our customers through innovation for many years.

PRODUCT CATALOG

Category	Grade	CAS No.	Product Name
Hydrosilane	CG-101	10025-78-2	Trichlorosilane
	CG-102	2487-90-3	Trimethoxysilane
	CG-105	998-30-1	Triethoxysilane
	CG-123	1873-88-7	1,1,1,3,5,5,5-Heptamethyltrisiloxane
	CG-1021	16881-77-9	Methyldimethoxysilane
	CG-1051	2031-62-1	Diethoxymethylsilane
Chloropropylsilane	CG-201	2550-06-3	3-Chloropropyltrichlorosilane
	CG-202	5089-70-3	3-Chloropropyltriethoxysilane
	CG-203	2530-87-2	3-Chloropropyltrimethoxysilane
	CG-205	18171-19-2	3-Chloropropylmethyldimethoxysilane
Alkylsilane	CG-1012	5575-48-4	n-Decyltrimethoxysilane
	CG-103	1185-55-3	Methyltrimethoxysilane
	CG-106	2031-67-6	Methyltriethoxysilane
	CG-1204	N.A	Poly-methyltriethoxysilane
	CG-1212	3069-21-4	Dodecyltrimethoxysilane
	CG-301	1067-25-0	n-Propyltrimethoxysilane
	CG-302	2550-02-9	n-Propyltriethoxysilane
	CG-612	3069-19-0	n-Hexyltrimethoxysilane
	CG-801	2943-75-1	n-Triethoxyoctylsilane
	CG-802	3069-40-7	n-Trimethoxyoctylsilane
	CG-1601	18406-41-2	1,2-Bis(trimethoxysilyl)ethane
	CG-1602	16068-37-4	1,2-Bis(triethoxysilyl)ethane
	CG-1612	16415-12-6	Hexadecyltrimethoxysilane
	CG-1812	3069-42-9	Octadecyltrimethoxysilane
	CG-2101	1112-39-6	Dimethyldimethoxysilane
	CG-2102	78-62-6	Diethoxydimethylsilane
CG-3011	N.A	Trimethylsilyl-terminated PDMS	
CG-3011G	N.A	High flash point propylsilane polymer	
Poly-ether-modified silane	CG-EO11	65994-07-2	Trimethoxy-[3-(2-methoxyethoxy)propyl]silane
	CG-EO17	65994-07-2	Trimethoxy-[2-(methoxy poly(ethyleneoxy)propyl)silane
	CG-EO37	27306-78-1	Methyl 3-[1,3,3,3-tetramethyl-1-(trimethylsilyloxy)disiloxanyl]propyl ether

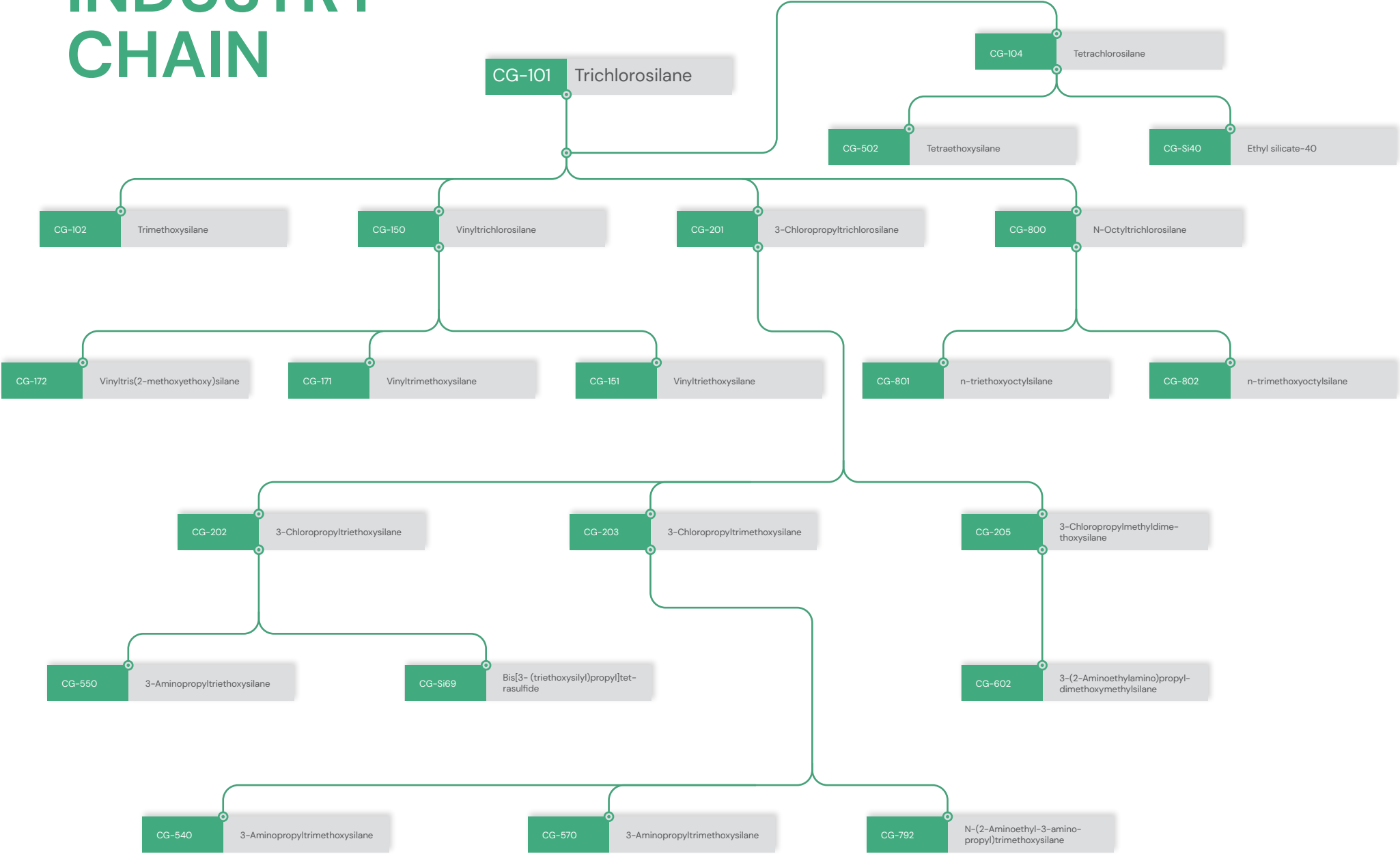
Category	Grade	CAS No.	Product Name
Aminosilane	CG-540	13822-56-5	3-Aminopropyltrimethoxysilane
	CG-542	82985-35-1	Bis(trimethoxysilylpropyl)amine
	CG-550	919-30-2	3-Aminopropyltriethoxysilane
	CG-552	N.A	Amino silane mixture
	CG-602	3069-29-2	3-(2-Aminoethylamino)propyl-dimethoxymethylsilane
	CG-605	99740-64-4	3-(2-Aminoethyl)-N'-[3-(dimethoxymethylsilyl)propyl]-1,2-ethanediamine
	CG-606	224638-27-1	3-(N,N-Dimethylaminopropyl)Aminopropyl Methyl Dimethoxysilane
	CG-791	5089-72-5	N-(3-Triethoxysilylpropyl)ethylenediamine
	CG-792	1760-24-3	N-(2-Aminoethyl-3-aminopropyl)trimethoxysilane
	CG-792B	N.A	Composite diamino silane
	CG-792T	N.A	N-[3-(Trimethoxysilyl)propyl]ethylenediamine
	CG-1189	31024-56-3	N-(n-Butyl)-3-aminopropyltrimethoxysilane
	CG-A118	3068-76-6	N-[3-(Trimethoxysilyl)propyl]Janilin
	CG-2201	23779-32-0	3-Ureidopropyltriethoxysilane
	CG-2202	23843-64-3	3-Ureidopropyltrimethoxysilane
	CG-1146	N.A	Aminoalkyl modified alkyl siloxane
CG-6032	N.A	Cationic styryl amino silane methanol solution	
CG-051	N.A	Aminoalkyl-modified alkyl siloxane type II	
CG-WS226	N.A	Low-VOC diamino silane oligomer type II	
CG-WS266	N.A	Low-VOC diamino silane oligomer	
CG-WS350	N.A	Low-VOC primary amino silane oligomer	
Sulfursilane	CG-580	14814-09-6	3-Mercaptopropyltriethoxysilane
	CG-590	4420-74-0	3-Mercaptopropyltrimethoxysilane
	CG-Si69	40372-72-3	Bis[3-(triethoxysilyl)propyl]tetrasulfide
	CG-Si75	56706-10-6	Bis[3-(triethoxysilyl)propyl]disulfide
	CG-Si50	N.A	Mixture of bis(3-triethoxysilylpropyl)tetrasulfide (50%) and carbon black (50%)
	CG-Si264	34708-08-2	3-Thiocyanatopropyltriethoxysilane
CG-Si698	220727-26-4	S-(Octanoyl)mercaptopropyltriethoxysilane	
Silane endblocker	CG-3101	1825-61-2	Methoxytrimethylsilane
	CG-3201	107-46-0	Hexamethyldisiloxane
	CG-3202	999-97-3	Hexamethyldisilazane

Category	Grade	CAS No.	Product Name	
Orthosilicate	CG-501	681-84-5	Tetramethoxysilane	
	CG-502	78-10-4	Tetraethoxysilane	
	CG-503	682-01-9	Tetrapropoxysilane	
	CG-504	4766-57-8	Tetrabutylorthosilane	
	CG-532	35077-00-0	1,1-triethoxy-N,N-diethylsilanamine	
	CG-5031	1992-48-9	Tetraisopropyl orthosilicate	
	CG-Si32	1109-96-2	Ethyl silicate-32	
	CG-Si40	1109-96-2	Ethyl silicate-40	
	Vinylsilane	CG-150	75-94-5	Vinyltrichlorosilane
		CG-151	78-08-0	Vinyltriethoxysilane
CG-171		2768-02-7	Vinyltrimethoxysilane	
CG-172		1067-53-4	Vinyltris(2-methoxyethoxy)silane	
CG-173		18023-33-1	Tri(isopropoxy)vinylsilane	
CG-085		N.A	E-Vinyl silane oligomer	
CG-087		N.A	M-Vinyl silane oligomer	
CG-2155		13368-45-1	Bis(dimethylamino)methylvinylsilane	
CG-V4		2554-06-5	Tetravinyl tetramethyl cyelo tetrasiloxane	
Isocyanate silane		CG-524	15396-00-6	3-Isocyanatopropyltrimethoxysilane
	CG-525	24801-88-5	3-Isocyanatopropyltriethoxysilane	
Methacrylsilane	CG-570	2530-85-0	3-Methacryloxypropyltrimethoxysilane	
	CG-571	14513-34-9	3-Methacryloxypropylmethyldimethoxysilane	
	CG-574	21142-29-0	3-(Triethoxysilyl)propyl methacrylate	
Water-based water-proof agent	CG-475	17096-07-0	3-Methacryloyloxypropyltris(trimethylsilyloxy)silane	
	CG-WP101	16589-43-8	Sodium methylsiliconate	
	CG-WP102	31795-24-1	Potassium methylsiliconate	
Silane Polymer	CG-053	N.A	Silicate copolymer	
	CG-081	N.A	M-Vinyl silane copolymer	
	CG-082	N.A	E-Vinyl silane copolymer	
	CG-133	17928-28-8	Methyltris(trimethylsilyloxy)silane	
	CG-134	3555-47-3	Tetrakis(trimethylsilyloxy)silane	
	CG-3012	N.A	Silane-I for flame retardant treatment	

Category	Grade	CAS No.	Product Name	
Epoxy silane	CG-560	2530-83-8	3-Glycidoxypropyltrimethoxysilane	
	CG-560E	2602-34-8	3-Glycidoxypropyltriethoxysilane	
	CG-5060	68611-45-0	Waterborne epoxy silane oligomer	
	CG-5060A	N.A	Low-VOC Waterborne epoxy silane oligomer	
	CG-560M	N.A	Epoxy silane oligomer	
	CG-563	65799-47-5	3-Glycidoxypropyltrimethoxymethylsilane	
	CG-565	2897-60-1	(3-Glycidoxypropyl)methyldiethoxysilane	
	Titanate Coupling Agent	CG-Ti101	61417-49-0	Titanium triisostearoylisopropoxide
		CG-Ti105	136144-62-2	Isopropyl trioleyl titanate
		CG-Ti201	67691-13-8	Isopropyl tri(dioctylphosphosphate) titanate
CG-Ti301		546-68-9	Titanium tetraisopropanolate	
CG-Ti401		5593-70-4	Tetrabutyl titanate	
CG-Ti503		27858-32-8	Diisopropoxy-bisethylacetoacetatitanate	
CG-Ti503A		N.A	Composite diisopropoxy-bisethylacetoacetatitanate	

Category	Grade	CAS No.	Product Name
Products with REACH certification	CG-540	13822-56-5	3-Aminopropyltrimethoxysilane
	CG-550	919-30-2	3-Aminopropyltriethoxysilane
	CG-560	2530-83-8	3-Glycidoxypropyltrimethoxysilane
	CG-570	2530-85-0	3-Methacryloxypropyltrimethoxysilane
	CG-792	1760-24-3	N-(2-Aminoethyl-3-aminopropyl)trimethoxysilane
	CG-171	2768-02-7	Vinyltrimethoxysilane
	CG-502	78-10-4	Tetraethoxysilane
	CG-602	3069-29-2	3-(2-Aminoethylamino)propyl-dimethoxymethylsilane
	CG-801	2943-75-1	n-Triethoxyoctylsilane
	CG-Si69	40372-72-3	Bis[3-(triethoxysilyl)propyl]tetrasulfide

INDUSTRY CHAIN



Applications in adhesives and sealants

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-540	13822-56-5	3-Aminopropyltrimethoxysilane	$C_6H_{17}NO_3Si$	Clear or slightly yellow liquid
CG-550	919-30-2	3-Aminopropyltriethoxysilane	$C_9H_{23}NO_3Si$	Clear or slightly yellow liquid
CG-552	N.A	Aminosilane Mixture	N.A	Clear or slightly yellow liquid
CG-560	2530-83-8	3-Glycidoxypropyltrimethoxysilane	$C_9H_{20}O_5Si$	Colorless transparent liquid
CG-792	1760-24-3	N-(2-Aminoethyl-3-aminopropyl)trimethoxysilane	$C_8H_{22}N_2O_3Si$	Clear or slightly yellow liquid
CG-051	N.A	N-[3-(Trimethoxysilyl)propyl]ethylenediamine	N.A	Clear or slightly yellow liquid
CG-053	N.A	Ammonium Silane Oligomer	N.A	Clear or slightly yellow liquid
CG-103	1185-55-3	Methyltrimethoxysilane	$C_4H_{12}O_3Si$	Colorless transparent liquid
CG-105	998-30-1	Triethoxysilane	$C_6H_{18}O_3Si$	Colorless transparent liquid
CG-106	2031-67-6	Methyltriethoxysilane	$C_7H_{18}O_3Si$	Colorless transparent liquid
CG-123	1873-88-7	1,1,1,3,5,5,5-Heptamethyltrisiloxane	$C_7H_{22}O_2Si_3$	Clear or slightly yellow liquid
CG-133	17928-28-8	Methyltris(trimethylsiloxy)silane	$C_{10}H_{30}O_5Si_4$	Clear or slightly yellow liquid
CG-134	3555-47-3	Tetrakis(trimethylsiloxy)silane	$C_{12}H_{36}O_4Si_5$	Colorless transparent liquid
CG-171	2768-02-7	Vinyltrimethoxysilane	$C_6H_{12}O_3Si$	Colorless transparent liquid
CG-301	1067-25-0	n-propyltrimethoxysilane	$C_6H_{16}O_3Si$	Colorless transparent liquid
CG-302	2550-02-9	n-propyltriethoxysilane	$C_9H_{22}O_3Si$	Colorless transparent liquid
CG-501	681-84-5	Tetramethoxysilane	$C_4H_{12}O_4Si$	Colorless transparent liquid
CG-502	78-10-4	Tetraethoxysilane	$C_8H_{20}O_4Si$	Colorless transparent liquid
CG-503	682-01-9	Tetrapropoxysilane	$C_{12}H_{28}O_4Si$	Colorless transparent liquid
CG-504	4766-57-8	Tetrabutylorthosilane	$C_{16}H_{36}O_4Si$	Colorless transparent liquid
CG-524	15396-00-6	3-Isocyanatopropyltrimethoxysilane	$C_7H_{15}NO_4Si$	Colorless transparent liquid
CG-525	24801-88-5	3-Isocyanatopropyltriethoxysilane	$C_{10}H_{21}NO_4Si$	Colorless transparent liquid
CG-532	35077-00-0	1,1-triethoxy-N,N-diethylsilanamine	$C_{10}H_{25}NO_3Si$	Colorless transparent liquid
CG-542	82985-35-1	Bis(trimethoxysilylpropyl)amine	$C_{12}H_{31}NO_6Si_2$	Clear or slightly yellow liquid
CG-560E	2602-34-8	3-Glycidyloxypropyltriethoxysilane	$C_{12}H_{26}O_5Si$	Colorless transparent liquid
CG-565	2897-60-1	(3-Glycidoxypropyl)methyldiethoxysilane	$C_{11}H_{24}O_4Si$	Colorless transparent liquid
CG-602	3069-29-2	3-(2-Aminoethylamino)propyldimethoxymethylsilane	$C_8H_{22}N_2O_2Si$	Clear or slightly yellow liquid
CG-791	5089-72-5	N-(3-Triethoxysilylpropyl)ethylenediamine	$C_{11}H_{28}N_2O_3Si$	Clear or slightly yellow liquid
CG-792B	N.A	Composite diamino silane	N.A	Clear or slightly yellow liquid
CG-792T	N.A	N-[3-(Trimethoxysilyl)propyl]ethylenediamine	N.A	Clear or slightly yellow liquid
CG-1021	16881-77-9	Methyldimethoxysilane	$C_3H_{10}O_2Si$	Colorless transparent liquid
CG-1051	2031-62-1	Diethoxymethylsilane	$C_5H_{14}O_2Si$	Colorless transparent liquid

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-134	3555-47-3	Tetrakis(trimethylsiloxy)silane	C ₁₂ H ₃₆ O ₄ Si ₅	Colorless transparent liquid
CG-151	78-08-0	Vinyltriethoxysilane	C ₈ H ₁₈ O ₃ Si	Colorless transparent liquid
CG-171	2768-02-7	Vinyltrimethoxysilane	C ₅ H ₁₂ O ₃ Si	Colorless transparent liquid
CG-172	1067-53-4	Vinyltris(2-methoxyethoxy)silane	C ₁₁ H ₂₄ O ₆ Si	Colorless transparent liquid
CG-475	17096-07-0	3-Methacryloyloxypropyltris(trimethylsilyloxy)silane	C ₁₆ H ₃₆ O ₅ Si ₄	Colorless transparent liquid
CG-501	681-84-5	Tetramethoxysilane	C ₄ H ₁₂ O ₄ Si	Colorless transparent liquid
CG-502	78-10-4	Tetraethoxysilane	C ₈ H ₂₀ O ₄ Si	Colorless transparent liquid
CG-504	4766-57-8	Tetrabutylorthosilane	C ₁₆ H ₃₆ O ₄ Si	Colorless transparent liquid
CG-524	15396-00-6	3-Isocyanatopropyltrimethoxysilane	C ₇ H ₁₅ NO ₄ Si	Colorless transparent liquid
CG-525	24801-88-5	3-Isocyanatopropyltriethoxysilane	C ₁₀ H ₂₁ NO ₄ Si	Colorless transparent liquid
CG-542	82985-35-1	Bis(trimethoxysilylpropyl)amine	C ₁₂ H ₃₁ NO ₆ Si ₂	Clear or slightly yellow liquid
CG-565	2897-60-1	(3-Glycidoxypropyl)methyldiethoxysilane	C ₁₁ H ₂₄ O ₄ Si	Colorless transparent liquid
CG-571	14513-34-9	3-Methacryloxypropylmethyldimethoxysilane	C ₁₀ H ₂₀ O ₄ Si	Clear or slightly yellow liquid
CG-574	21142-29-0	3-(Triethoxysilyl)propyl methacrylate	C ₁₃ H ₂₆ O ₅ Si	Clear or slightly yellow liquid
CG-602	3069-29-2	3-(2-Aminoethylamino)propyl-dimethoxymethylsilane	C ₈ H ₂₂ N ₂ O ₂ Si	Clear or slightly yellow liquid
CG-605	99740-64-4	3-(2-Aminoethyl)-N'-[3-(dimethoxymethylsilyl)propyl]-1,2-ethanediamine	C ₁₀ H ₂₇ N ₃ O ₂ Si	Clear or slightly yellow liquid
CG-801	2943-75-1	n-Triethoxyoctylsilane	C ₁₄ H ₃₂ O ₃ Si	Clear or slightly yellow liquid
CG-1189	31024-56-3	N-(n-Butyl)-3-aminopropyltrimethoxysilane	C ₁₀ H ₂₅ NO ₃ Si	Clear or slightly yellow liquid
CG-A118	3068-76-6	N-[3-(Trimethoxysilyl)propyl]anilin	C ₁₂ H ₂₁ NO ₃ Si	Slightly yellow liquid
CG-Si32	1109-96-2	Ethyl silicate-32	N.A	Colorless transparent liquid
CG-Si40	1109-96-2	Ethyl silicate-40	N.A	Colorless transparent liquid
CG-560M	N.A	Epoxy silane oligomer	N.A	Clear or slightly yellow liquid
CG-5060	68611-45-0	Low-VOC Waterborne epoxy silane oligomer	N.A	Clear or slightly yellow liquid
CG-560E	2602-34-8	3-Glycidylxypropyltriethoxysilane	C ₁₂ H ₂₆ O ₅ Si	Colorless transparent liquid
CG-5060A	68611-45-0	Low-VOC Waterborne epoxy silane oligomer	N.A	Clear or slightly yellow liquid
CG-3011G	N.A	High flash point propylsilane polymer	N.A	Clear or slightly yellow liquid
CG-1204	N.A	Poly-methyltriethoxysilane	N.A	Clear or slightly yellow liquid
CG-WP101	16589-43-8	Sodium methylsiliconate	CH ₃ Na ₃ O ₃ Si	Clear or slightly yellow liquid
CG-WP102	31795-24-1	Potassium methylsiliconate	CH ₃ K ₃ O ₃ Si	Clear or slightly yellow liquid
CG-EO11	65994-07-2	Trimethoxy-[3-(2-methoxyethoxy)propyl]silane	C ₉ H ₂₂ O ₅ Si	Clear or slightly yellow liquid
CG-EO17	65994-07-2	Trimethoxy-[2-(methoxy poly(ethyleneoxy)propyl]silane	N.A	Clear or slightly yellow liquid
CG-Ti105	136144-62-2	Isopropyl trioleyl titanate	C ₅₇ H ₁₀₆ O ₇ Ti	Yellow to burgundy viscous liquid
CG-Ti301	546-68-9	Titanium tetraisopropanolate	C ₁₂ H ₂₈ O ₄ Ti	Clear or slightly yellow liquid

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-1146	N.A	Aminoalkyl modified alkyl siloxane	N.A	Light yellow transparent liquid
CG-1189	31024-56-3	N-(n-Butyl)-3-aminopropyltrimethoxysilane	C ₁₀ H ₂₆ NO ₃ Si	Clear or slightly yellow liquid
CG-1204	N.A	Poly-methyltriethoxysilane	N.A	Clear or slightly yellow liquid
CG-1601	18406-41-2	1,2-Bis(trimethoxysilyl)ethane	C ₈ H ₂₂ O ₆ Si ₂	Clear or slightly yellow liquid
CG-1602	16068-37-4	1,2-Bis(triethoxysilyl)ethane	C ₁₄ H ₃₄ O ₆ Si ₂	Clear or slightly yellow liquid
CG-2102	78-62-6	Diethoxydimethylsilane	C ₆ H ₁₆ O ₂ Si	Colorless transparent liquid
CG-2201	23779-32-0	3-Ureidopropyltriethoxysilane	C ₁₀ H ₂₄ N ₂ O ₄ Si	Colorless transparent liquid
CG-2202	23843-64-3	3-Ureidopropyltrimethoxysilane	C ₇ H ₁₆ N ₂ O ₄ Si	Colorless transparent liquid
CG-3011	N.A	Trimethylsilyl-terminated PDMS	N.A	Clear or slightly yellow liquid
CG-3011G	N.A	High flash point propylsilane polymer	N.A	Clear or slightly yellow liquid
CG-3101	1825-61-2	Methoxytrimethylsilane	C ₄ H ₁₂ OSi	Colorless transparent liquid
CG-Si32	1109-96-2	Ethyl silicate-32	N.A	Colorless transparent liquid
CG-Si40	1109-96-2	Ethyl silicate-40	N.A	Colorless transparent liquid
CG-Ti301	546-68-9	Titanium tetraisopropanolate	C ₁₂ H ₂₈ O ₄ Ti	Clear or slightly yellow liquid
CG-Ti401	5593-70-4	Tetrabutyl titanate	C ₁₆ H ₃₆ O ₄ Ti	Clear or slightly yellow viscous liquid
CG-Ti503	27858-32-8	Diisopropoxy-bisethylacetoacetatitanate	N.A	Slightly yellow to orange-red transparent liquid
CG-Ti503A	N.A	Composite diisopropoxy-bisethylacetoacetatitanate	N.A	Slightly yellow to orange-red transparent liquid

Application in the field of coatings

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-540	13822-56-5	3-Aminopropyltrimethoxysilane	C ₈ H ₁₇ NO ₃ Si	Clear or slightly yellow liquid
CG-550	919-30-2	3-Aminopropyltriethoxysilane	C ₉ H ₂₃ NO ₃ Si	Clear or slightly yellow liquid
CG-552	N.A	Aminosilane Mixture	N.A	Clear or slightly yellow liquid
CG-560	2530-83-8	3-Glycidoxypropyltrimethoxysilane	C ₉ H ₂₀ O ₅ Si	Colorless transparent liquid
CG-570	2530-85-0	3-Methacryloxypropyltrimethoxysilane	C ₁₀ H ₂₀ O ₆ Si	Clear or slightly yellow liquid
CG-580	14814-09-6	3-Mercaptopropyltriethoxysilane	C ₉ H ₂₂ O ₃ SSi	Clear or slightly yellow liquid
CG-792	1760-24-3	N-(2-Aminoethyl-3-aminopropyl)trimethoxysilane	C ₈ H ₂₂ N ₂ O ₃ Si	Clear or slightly yellow liquid
CG-792T	N.A	N-[3-(Trimethoxysilyl)propyl]ethylenediamine	N.A	Clear or slightly yellow liquid
CG-103	1185-55-3	Methyltrimethoxysilane	C ₄ H ₁₀ O ₃ Si	Colorless transparent liquid
CG-106	2031-67-6	Methyltriethoxysilane	C ₇ H ₁₈ O ₃ Si	Colorless transparent liquid
CG-123	1873-88-7	1,1,1,3,5,5,5-Heptamethyltrisiloxane	C ₇ H ₂₂ O ₂ Si ₃	Clear or slightly yellow liquid
CG-133	17928-28-8	Methyltris(trimethylsiloxy)silane	C ₁₀ H ₃₀ O ₃ Si ₄	Clear or slightly yellow liquid



Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-Ti401	5593-70-4	Tetrabutyl titanate	$C_{16}H_{36}O_4Ti$	Clear or slightly yellow viscous liquid
CG-Ti503	27858-32-8	Diisopropoxy-bisethylacetoacetatitanate	N.A	Slightly yellow to orange-red transparent liquid
CG-Ti503A	N.A	Composite diisopropoxy-bisethylacetoacetatitanate	N.A	Slightly yellow to orange-red transparent liquid

Applications in the rubber industry

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-580	14814-09-6	3-Mercaptopropyltriethoxysilane	$C_9H_{22}O_3SSi$	Clear or slightly yellow liquid
CG-590	4420-74-0	3-Mercaptopropyltrimethoxysilane	$C_6H_{16}O_3SSi$	Clear or slightly yellow liquid
CG-Si69	40372-72-3	Bis[3-(triethoxysilyl)propyl]tetrasulfide	$C_{18}H_{42}O_6S_4Si_2$	Light yellow transparent liquid
CG-Si75	56706-10-6	Bis[3-(triethoxysilyl)propyl]disulfide	$C_{18}H_{42}O_6S_2Si_2$	Light yellow transparent liquid
CG-Si50	N.A	Mixture of bis(3-triethoxysilylpropyl)tetrasulfide (50%) and carbon black (50%)	N.A	Solid particles
CG-Si264	34708-08-2	3-Thiocyanatopropyltriethoxysilane	$C_{10}H_{21}NO_3SSi$	Clear or slightly yellow liquid
CG-Si698	220727-26-4	S-(Octanoyl)mercaptopropyltriethoxysilane	$C_{17}H_{36}O_4SSi$	Transparent liquid ranging from pale yellow to amber color
CG-151	78-08-0	Vinyltriethoxysilane	$C_6H_{16}O_3Si$	Colorless transparent liquid
CG-172	1067-53-4	Vinyltris(2-methoxyethoxy)silane	$C_{11}H_{24}O_6Si$	Colorless transparent liquid
CG-524	15396-00-6	3-Isocyanatopropyltrimethoxysilane	$C_7H_{15}NO_4Si$	Colorless transparent liquid
CG-525	24801-88-5	3-Isocyanatopropyltriethoxysilane	$C_{10}H_{21}NO_4Si$	Colorless transparent liquid
CG-550	919-30-2	3-Aminopropyltriethoxysilane	$C_9H_{23}NO_3Si$	Clear or slightly yellow liquid
CG-801	2943-75-1	n-Triethoxyoctylsilane	$C_{14}H_{32}O_3Si$	Clear or slightly yellow liquid
CG-2101	1112-39-6	Dimethyldimethoxysilane	$C_4H_{12}O_2Si$	Colorless transparent liquid
CG-Ti401	5593-70-4	Tetrabutyl titanate	$C_{16}H_{36}O_4Ti$	Clear or slightly yellow viscous liquid

Applications in Waterproofing and Surface Protection

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-WP101	16589-43-8	Sodium methylsiliconate	$CH_3Na_3O_3Si$	Clear or slightly yellow liquid
CG-WP102	31795-24-1	Potassium methylsiliconate	$CH_3K_3O_3Si$	Clear or slightly yellow liquid
CG-1204	N.A	Poly-methyltriethoxysilane	N.A	Clear or slightly yellow liquid
CG-123	1873-88-7	1,1,1,3,5,5,5-Heptamethyltrisiloxane	$C_7H_{22}O_2Si_3$	Clear or slightly yellow liquid
CG-612	3069-19-0	n-Hexyltrimethoxysilane	$C_9H_{22}O_3Si$	Colorless transparent liquid



Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-801	2943-75-1	n-triethoxyoctylsilane	C ₁₄ H ₃₂ O ₃ Si	Clear or slightly yellow liquid
CG-802	3069-40-7	n-trimethoxyoctylsilane	C ₁₁ H ₂₆ O ₃ Si	Clear or slightly yellow liquid
CG-550	919-30-2	3-Aminopropyltriethoxysilane	C ₉ H ₂₃ NO ₃ Si	Clear or slightly yellow liquid
CG-560	2530-83-8	3-Glycidoxypropyltrimethoxysilane	C ₉ H ₂₀ O ₅ Si	Colorless transparent liquid
CG-580	14814-09-6	3-Mercaptopropyltrimethoxysilane	C ₉ H ₂₂ O ₃ SSi	Clear or slightly yellow liquid
CG-590	4420-74-0	3-Mercaptopropyltriethoxysilane	C ₉ H ₂₀ O ₃ SSi	Clear or slightly yellow liquid
CG-1012	5575-48-4	n-Decyltrimethoxysilane	C ₁₃ H ₃₀ O ₃ Si	Clear or slightly yellow liquid
CG-1212	3069-21-4	Dodecyltrimethoxysilane	C ₁₅ H ₃₄ O ₃ Si	Clear or slightly yellow liquid
CG-1612	16415-12-6	Hexadecyltrimethoxysilane	C ₁₉ H ₄₂ O ₃ Si	Clear or slightly yellow liquid
CG-1812	3069-42-9	Octadecyltrimethoxysilane	C ₂₁ H ₄₆ O ₃ Si	Clear or slightly yellow liquid
CG-3011	N.A	Trimethylsilyl-terminated PDMS	N.A	Clear or slightly yellow liquid
CG-3011G	N.A	High flash point propylsilane polymer	N.A	Clear or slightly yellow liquid
CG-WS226	N.A	Low-VOC diamino silane oligomer type II	N.A	Clear or slightly yellow liquid
CG-WS266	N.A	Low-VOC diamino silane oligomer	N.A	Clear or slightly yellow liquid
CG-WS350	N.A	Low-VOC primary amino silane oligomer	N.A	Clear or slightly yellow liquid

Applications in the field of fiberglass

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-550	919-30-2	3-Aminopropyltriethoxysilane	C ₉ H ₂₃ NO ₃ Si	Clear or slightly yellow liquid
CG-560	2530-83-8	3-Glycidoxypropyltrimethoxysilane	C ₉ H ₂₀ O ₅ Si	Colorless transparent liquid
CG-570	2530-85-0	3-Methacryloxypropyltrimethoxysilane	C ₁₀ H ₂₀ O ₅ Si	Clear or slightly yellow liquid
CG-792	1760-24-3	N-(2-Aminoethyl-3-aminopropyl)trimethoxysilane	C ₈ H ₂₂ N ₂ O ₃ Si	Clear or slightly yellow liquid
CG-103	1185-55-3	Methyltrimethoxysilane	C ₄ H ₁₂ O ₃ Si	Colorless transparent liquid
CG-151	78-08-0	Vinyltriethoxysilane	C ₈ H ₁₈ O ₃ Si	Colorless transparent liquid
CG-171	2768-02-7	Vinyltrimethoxysilane	C ₆ H ₁₂ O ₃ Si	Colorless transparent liquid
CG-172	1067-53-4	Vinyltris(2-methoxyethoxy)silane	C ₁₁ H ₂₄ O ₆ Si	Colorless transparent liquid
CG-173	18023-33-1	Tri(isopropoxy)vinylsilane	C ₁₁ H ₂₄ O ₃ Si	Colorless transparent liquid
CG-475	17096-07-0	3-Methacryloyloxypropyltris(trimethylsilyloxy)silane	C ₁₆ H ₃₈ O ₅ Si ₄	Colorless transparent liquid
CG-560E	2602-34-8	3-Glycidyloxypropyltriethoxysilane	C ₁₂ H ₂₆ O ₅ Si	Colorless transparent liquid
CG-563	65799-47-5	3-Glycidoxypropyldimethoxymethylsilane	C ₉ H ₂₀ O ₄ Si	Colorless transparent liquid
CG-565	2897-60-1	(3-Glycidoxypropyl)methyldiethoxysilane	C ₁₁ H ₂₄ O ₄ Si	Colorless transparent liquid

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-571	14513-34-9	3-Methacryloxypropylmethyldimethoxysilane	C ₁₀ H ₂₀ O ₄ Si	Clear or slightly yellow liquid
CG-574	21142-29-0	3-(Triethoxysilyl)propyl methacrylate	C ₁₃ H ₂₆ O ₅ Si	Clear or slightly yellow liquid
CG-602	3069-29-2	3-(2-Aminoethylamino)propyl-dimethoxymethylsilane	C ₈ H ₂₂ N ₂ O ₂ Si	Clear or slightly yellow liquid
CG-791	5089-72-5	N-(3-Triethoxysilylpropyl)ethylenediamine	C ₁₁ H ₂₈ N ₂ O ₃ Si	Clear or slightly yellow liquid
CG-792B	N.A	Composite diamino silane	N.A	Clear or slightly yellow liquid
CG-1189	31024-56-3	N-(n-Butyl)-3-aminopropyltrimethoxysilane	C ₁₀ H ₂₅ NO ₃ Si	Clear or slightly yellow liquid
CG-2201	23779-32-0	3-Ureidopropyltriethoxysilane	C ₁₀ H ₂₄ N ₂ O ₄ Si	Colorless transparent liquid
CG-2202	23843-64-3	3-Ureidopropyltrimethoxysilane	C ₇ H ₁₈ N ₂ O ₄ Si	Colorless transparent liquid
CG-A118	3068-76-6	N-[3-(Trimethoxysilyl)propyl]anilin	C ₁₂ H ₂₁ NO ₃ Si	Slightly yellow liquid
CG-Ti201	67691-13-8	Isopropyl tri(diocetylpyrophosphate) titanate	C ₅₁ H ₁₁₂ O ₂₂ P ₆ Ti	Slightly yellow liquid

Mineral filler processing applications

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-550	919-30-2	3-Aminopropyltriethoxysilane	C ₉ H ₂₃ NO ₃ Si	Clear or slightly yellow liquid
CG-560	2530-83-8	3-Glycidoxypropyltrimethoxysilane	C ₉ H ₂₀ O ₅ Si	Colorless transparent liquid
CG-570	2530-85-0	3-Methacryloxypropyltrimethoxysilane	C ₁₀ H ₂₀ O ₅ Si	Clear or slightly yellow liquid
CG-792	1760-24-3	N-(2-Aminoethyl-3-aminopropyl)trimethoxysilane	C ₈ H ₂₂ N ₂ O ₃ Si	Clear or slightly yellow liquid
CG-133	17928-28-8	Methyltris(trimethylsiloxy)silane	C ₁₀ H ₃₀ O ₃ Si ₄	Clear or slightly yellow liquid
CG-134	3555-47-3	Tetrakis(trimethylsiloxy)silane	C ₁₂ H ₃₆ O ₄ Si ₅	Colorless transparent liquid
CG-171	2768-02-7	Vinyltrimethoxysilane	C ₅ H ₁₂ O ₃ Si	Colorless transparent liquid
CG-173	18023-33-1	Tri(isopropoxy)vinylsilane	C ₁₁ H ₂₄ O ₃ Si	Colorless transparent liquid
CG-301	1067-25-0	n-propyltrimethoxysilane	C ₆ H ₁₆ O ₃ Si	Colorless transparent liquid
CG-302	2550-02-9	n-propyltriethoxysilane	C ₉ H ₂₂ O ₃ Si	Colorless transparent liquid
CG-475	17096-07-0	3-Methacryloyloxypropyltris(trimethylsiloxy)silane	C ₁₆ H ₃₈ O ₅ Si ₄	Colorless transparent liquid
CG-504	4766-57-8	Tetrabutylorthosilane	C ₁₆ H ₃₆ O ₄ Si	Colorless transparent liquid
CG-542	82985-35-1	Bis(trimethoxysilylpropyl)amine	C ₁₂ H ₃₁ NO ₆ Si ₂	Clear or slightly yellow liquid
CG-563	65799-47-5	3-Glycidoxypropyldimethoxymethylsilane	C ₉ H ₂₀ O ₄ Si	Colorless transparent liquid
CG-565	2897-60-1	(3-Glycidoxypropyl)methyldiethoxysilane	C ₁₁ H ₂₄ O ₄ Si	Colorless transparent liquid
CG-571	14513-34-9	3-Methacryloxypropylmethyldimethoxysilane	C ₁₀ H ₂₀ O ₄ Si	Clear or slightly yellow liquid
CG-574	21142-29-0	3-(Triethoxysilyl)propyl methacrylate	C ₁₃ H ₂₆ O ₅ Si	Clear or slightly yellow liquid
CG-612	3069-19-0	n-Hexyltrimethoxysilane	C ₉ H ₂₂ O ₃ Si	Colorless transparent liquid

Grade	CAS No.	Chemical name	Molecular Formula	Appearance
CG-791	5089-72-5	N-(3-Triethoxysilylpropyl)ethylenediamine	$C_{11}H_{28}N_2O_3Si$	Clear or slightly yellow liquid
CG-792B	N.A	Composite diamino silane	N.A	Clear or slightly yellow liquid
CG-1189	31024-56-3	N-(n-Butyl)-3-aminopropyltrimethoxysilane	$C_{10}H_{25}NO_3Si$	Light yellow transparent liquid
CG-1204	N.A	Poly-methyltriethoxysilane	N.A	Light yellow transparent liquid
CG-1812	3069-42-9	Octadecyltrimethoxysilane	$C_{21}H_{46}O_3Si$	Clear or slightly yellow liquid
CG-2101	1112-39-6	Dimethyldimethoxysilane	$C_4H_{12}O_2Si$	Colorless transparent liquid
CG-2102	78-62-6	Diethoxydimethylsilane	$C_6H_{16}O_2Si$	Colorless transparent liquid
CG-3011	N.A	Trimethylsilyl-terminated PDMS	N.A	Clear or slightly yellow liquid
CG-3012	N.A	Silane-I for flame retardant treatment	N.A	Light yellow transparent liquid
CG-3073	N.A	Silane for Flame Retardant Treatment	N.A	Light yellow transparent liquid
CG-Ti101	61417-49-0	Titanium triisostearoylisopropoxide	$C_{228}H_{436}O_{16}Ti$	Milky white to pale yellow waxy solid
CG-Ti105	136144-62-2	Isopropyl trioctyl titanate	$C_{57}H_{106}O_7Ti$	Yellow to burgundy viscous liquid
CG-Ti201	67691-13-8	Isopropyl tri(dioctylpyrophosphate) titanate	$C_{51}H_{112}O_{22}P_6Ti$	Slightly yellow liquid
CG-Ti301	546-68-9	Isopropyl tri(dioctylpyrophosphate) titanate	$C_{12}H_{28}O_4Ti$	Slightly yellow liquid
CG-Ti401	5593-70-4	Tetrabutyl titanate	$C_{16}H_{36}O_4Ti$	Clear or slightly yellow viscous liquid

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