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KCC SILICONE

PERSONAL CARE PRODUCT BROCHURE

KCC Beauty,
Formulating the Future



KCC SILICONE

Ver. Feb. 2025



About us

KCC SILICONE Corporation built the first silicon monomer production facilities in Korea and successfully localized raw materials for silicones, which had been imported from other countries. Through the synthesis and application of silicone monomers and polymers, we produce and supply silicone products including sealants, silicone rubber, silanes, silicone oils, silicone emulsions and silicone dispersions for construction and business. In addition, we are committed to helping our customers gain competitive advantages by supplying products that meet their needs through continuous R&D and technology innovation.

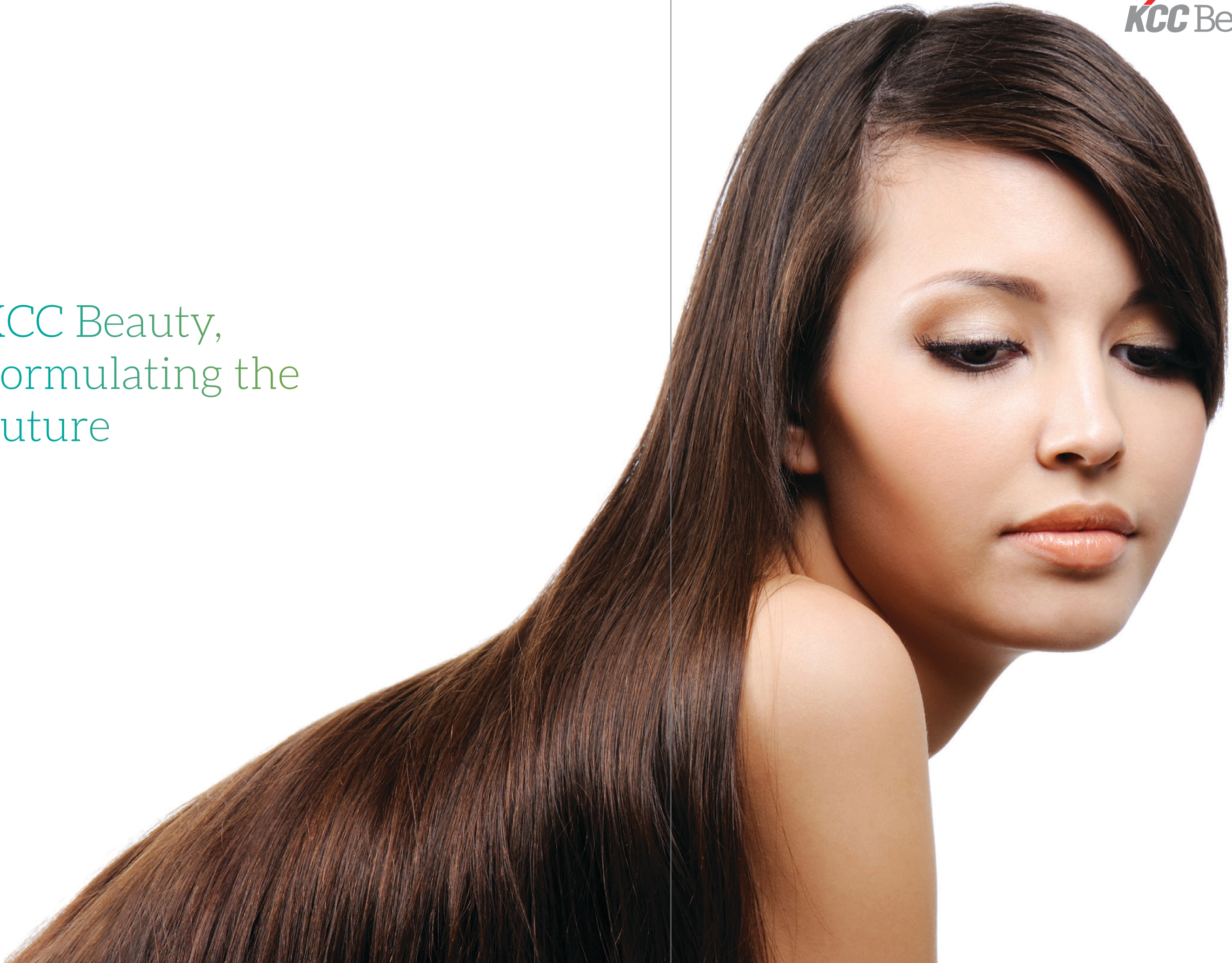
In order to produce eco-friendly and sustainable silicone products, KCC SILICONE corporation optimizes its pollution prevention facilities for each type of pollutant. In response to growing social demands for safe and eco-friendly manufacturing processes, we established a new safety and environmental inspection system and renovated our existing facilities.

With the market trend of eco-friendly and healthy products, there is a growing demand for sustainable products in the construction industry. As we have worked on meeting demand ahead of time, we were named by the Minister of Environment in 2010 as a leading resource recycling company that had improved its environmental competitiveness by reducing waste at business sites.


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SeraSense® Dimethicone Fluids and Fluid Blends

Volatile Fluids		
Product Name	INCI Name	Page 8
SeraSense SF 0.65	Disiloxane	
SeraSense SF 1	Trisiloxane	
SeraSense SF 1.5	Dimethicone	
SeraSense SF 2		
SeraSense SF 1.8	Dimethicone (and) Trisiloxane	
SeraSense TD 1.5		
SeraSense TD 1.6		
SeraSense SF CM5	Cyclopentasiloxane	
SeraSense SF CM56	Cyclopentasiloxane (and) Cyclohexasiloxane	
SeraSense SF CPM-A	Caprylyl Methicone	
SeraSense SF MTM	Methyltrimethicone	

Dimethicone Fluids		
Product Name	INCI Name	Page 10
SeraSense SF 5	Dimethicone	
SeraSense SF 6		
SeraSense SF 10		
SeraSense SF 20		
SeraSense SF 50		
SeraSense SF 100		
SeraSense SF 350		
SeraSense SF 1K		
SeraSense SF 10K		
SeraSense SF 12.5K		
SeraSense SF 60K		

Gum Blends		
Product Name	INCI Name	Page 10
SeraSense GB 10	Cyclopentasiloxane (and) Dimethiconol	
SeraSense GB 12		
SeraSense GB 16	Dimethicone (and) Dimethiconol	
SeraSense GB 17		
SeraSense GB 26	Cyclopentasiloxane (and) Dimethiconol	
SeraSense GB 87	Isododecane (and) Dimethiconol	
SeraSense GB 88	C11-13 Isoparaffin (and) Isohexadecane (and) Dimethiconol	
SeraSense GBA 85	C13-15 Alkane (and) Dimethiconol	
SeraSense GBA 86	Undecane (and) Tridecane (and) Dimethiconol	
SeraSense GB 11		
SeraSense GB 14	Cyclopentasiloxane (and) Dimethicone	
SeraSense GB 24		
SeraSense GB 36		
SeraSense GB 38	Dimethicone	
SeraSense GB 43		
SeraSense GB 44		

Phenyl Modified Silicones		
Product Name	INCI Name	Page 12
SeraSense SF DDM	Diphenyl Dimethicone	
SeraSense SF PTM	Phenyl Trimethicone	
SeraSense SF DPTM	Diphenylsiloxy Phenyl Trimethicone	

Vinyl Dimethicone Fluids		
Product Name	INCI Name	Page 12
SeraSense SF VD 100	Vinyl Dimethicone	
SeraSense SF VD 200		

Amino-Functional Fluids		
Product Name	INCI Name	Page 12
SeraSense SA 30	Amodimethicone	
SeraSense SA 34		

Film Formers & Fixatives & Dispersants		
Product Name	INCI Name	Page 14
SeraSense AC 15	Acrylates / Dimethicone Copolymer (and) Cyclopentasiloxane	
SeraSense AC 16	Acrylates / Dimethicone Copolymer (and) Dimethicone	
SeraSense AC 17	Acrylates / Dimethicone Copolymer (and) Phenyltrimethicone	
SeraSense AC 18	Acrylates / Dimethicone Copolymer (and) Dimethicone	
SeraSense AC 19	Acrylates / Dimethicone Copolymer (and) Isododecane	
SeraSense ACA 10	Acrylates / Dimethicone Copolymer (and) Undecane (and) Tridecane	
SeraSense AC 29	Acrylates / Dimethicone Copolymer (and) Isododecane	
SeraSense RB 21	Dimethicone (and) Trimethylsiloxyasilicate	
SeraSense RB 22	Cyclopentasiloxane (and) Trimethylsiloxyasilicate	
SeraSense RB 23	Dimethicone (and) Trimethylsiloxyasilicate	
SeraSense RB 24		
SeraSense RB 25		Trimethylsiloxyasilicate (and) Diphenylsiloxy Phenyl Trimethicone
SeraSense RBS 11	Isododecane (and) Trimethylsiloxyasilicate	
SeraSense RBA 25	Undecane (and) Tridecane (and) Trimethylsiloxyasilicate	
SeraSense AW 61	Acrylates/ Stearyl Acrylate / Dimethicone Methacrylate Copolymer	
SeraSense AD 52	Dimethicone (and) Acrylates / Dimethicone Copolymer	
SeraSense AD 54	Methyl Trimethicone (and) Acrylates / Dimethicone Copolymer	

Functional Fluids		
Product Name	INCI Name	Page 14
SeraSense CF 50	Bis-Hydroxyethoxypropyl Dimeticone	
SeraSense CF 52		
SeraSense CF 53		
SeraSense SF PCA	PCA Dimethicone	
SeraSense AG 21	Bis-C16-18 Alkyl Glyceryl Undecyl Dimethicone	

ZnO & TiO2 Dispersion Fluids		
Product Name	INCI Name	Page 14
SeraSense ZD 20	Zinc Oxide (and) Dimethicone (and) Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone (and) Triethoxycaprylylsilane	
SeraSense TI 20	Titanium dioxide(and) Dimethicone (and) Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone (and) Aluminum hydroxide (and) Stearic acid	

SeraSol® Water soluble polymers and emulsifiers

Silicone Copolyols		
Product Name	INCI Name	Page 16
SeraSol SC 81	PEG-12 Dimethicone	
SeraSol SC 83T	Cetyl PEG / PPG-10 / 1 Dimethicone	
SeraSol SC 95	Lauryl PEG-8 Dimethicone	
SeraSol SC 96	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	
SeraSol SC 96T		
SeraSol SC 85	PEG-11 Methyl Ether Dimethicone	
SeraSol SC 86T	PEG-10 Dimethicone	
SeraSol SC 93	Bis-PEG-12 Dimethicone	
SeraSol SC 105	Dimethicone (and) PEG / PPG-18 / 18 Dimethicone	
SeraSol PF 105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	
SeraSol PF 106	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	
SeraSol PF 107	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	
SeraSol PF 116	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	
SeraSol EL 92A	Dimethicone (and) Dimethicone / PEG-10 / 15 Crosspolymer	
SeraSol EL 98	Isohexadecane (and) PEG-15 / Lauryl Dimethicone Crosspolymer	
SeraSol EL 99	Dimethicone (and) PEG-15 / Lauryl Dimethicone Crosspolymer	

SeraSoft® Soft solid and liquid Silicone waxes

Silicone Waxes		
Product Name	INCI Name	Page 18
SeraSoft SW 70-A	Stearyl Dimethicone (and) Octadecene	
SeraSoft SW 71-A	Cetyl Dimethicone (and) Hexadecene	
SeraSoft SW 74	Cetyl Dimethicone	
SeraSoft SW 75	Bis-PEG-18 Methyl Ether Dimethyl Silane	

SeraShine® Silicone Emulsions

Dimethicone Emulsions		
Product Name	INCI Name	Page 20
SeraShine EM 103R	Dimethicone (and) Laureth-23 (and) Laureth-3	
SeraShine EM 104R		
SeraShine EM 106		
SeraShine EM 108R		
SeraShine EM 125		
SeraShine EM 127	Dimethicone (and) Laureth-23 (and) Laureth-4	
SeraShine EM 129		
SeraShine EM 130		
SeraShine EM 234C	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	
SeraShine EM 238		

Amino Functional Emulsions		
Product Name	INCI Name	Page 22
SeraShine EM 301-A	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	
SeraShine EM 339		
SeraShine EM 305CR	Amodimethicone (and) C12- 14 sec-Pareth-7	
SeraShine EM 310	Amodimethicone (and) Steartrimonium chloride	
SeraShine EM 505	Amodimethicone (and) Dimethicone (and) Laureth-23 (and) Laureth-6	
SeraShine EM QSE 1	Amodimethicone(and) Polyquaternium-10 (and) Trideceth-12 (and) CetrimoniumChloride	
SeraShine EM QSE 2	Amodimethicone(and) Polyquaternium-10 (and) Laureth-6 (and) Laureth-23	

Multi-Functional Emulsions		
Product Name	INCI Name	Page 24
SeraShine EM 410	Dimethicone (and) Water (and) Guar Hydroxypropyltrimonium Chloride (and) C12-14 Sec-Alketh-3 (and) Cocamidopropyl Betaine	
SeraShine EM 504R	Dimethicone (and) Cocamidopropyl Betaine (and) Laureth-3 (and) Guar Hydroxypropyltrimonium Chloride	
SeraShine EM 509	Dimethicone (and) Trimethylsiloxyasilicate (and) Poloxamer188 (and) Poloxamer 388 (and) 1,2-Hexanediol	
SeraShine EM 510	Dimethiconol (and) Decyl glucoside (and) 1,2-Hexanediol (and) Carbomer	
SeraSilk EM 602	Dimethicone / Vinyl Dimethicone Crosspolymer (and) C12-14 sec-Pareth-7	
SeraSilk EM 608	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer (and) Laureth-4 (and) Laureth-23 (and) 1,2-hexandiol	
SeraSilk EM 605	Dimethicone (and) Water (and) Glycerin (and) Butylene glycol (and) Glycereth-20 (and) Pentylene glycol (and) Dimethicone / Vinyl Dimethicone Crosspolymer (and) Phenoxyethanol (and) Carbomer (and) Amodimethicone (and) Sodium Hydroxide (and) Disodium EDTA	
SeraSilk EM 610	Dimethicone (and) Water (and) Glycerin (and) Butylene glycol (and) Glycereth-20 (and) Pentylene glycol (and) Dimethicone / Vinyl Dimethicone Crosspolymer (and) 1,2-Hexanediol (and) Carbomer (and) Amodimethicone (and) Sodium Hydroxide (and) Disodium EDTA	

SeraSilk® Silicone Elastomer Blends

Silicone Elastomer Blends		
Product Name	INCI Name	Page 26
SeraSilk EL 58	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 59	Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 60	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 61		
SeraSilk EL 63	Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 64	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 65		
SeraSilk EL 66		
SeraSilk EL 74	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 75		
SeraSilk EL 81	Isododecane (and) Dimethiconol (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 86	Methyl Trimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 10	Dimethicone (and) Dimethicone Crosspolymer	
SeraSilk EL 11		
SeraSilk EL 12	Cyclopentasiloxane (and) Dimethicone Crosspolymer	
SeraSilk EL 13		
SeraSilk ELA 20	Undecane (and) Tridecane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk ELA 21	C13-15 Alkane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 30	Dimethicone (and) Drometrizole Dimethicone / Bis-Vinyl Dimethicone Crosspolymer	
SeraSilk EL 31	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk EL 41	Dimethicone (and) Polysilicone-11	
SeraSilk EL 42		
SeraSilk EL 44	Phenyl Trimethicone (and) Polysilicone-11	
SeraSilk AM 76	Cyclopentasiloxane (and) Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk AM 80	Dimethicone (and) Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk PD 72	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSilk PDA 90	Dimethicone (and) Silica (and) Polysilicone-11 (and) Cetyl alcohol	

SeraSnow® Elastomer powders and pigment treatments

Elastomer Powders and Treatments		
Product Name	INCI Name	Page 28
SeraSnow SF 10	Methicone	
SeraSnow SF 11	Hydrogen Dimethicone	
SeraSnow SP 13	Dimethicone / Vinyl Dimethicone Crosspolymer	
SeraSnow SP 14	Vinyl Dimethicone / Methicone Silsesquioxane Crosspolymer	
SeraSnow SP 15	Vinyl Dimethicone / Methicone Silsesquioxane Crosspolymer	

SeraSkin® Clear gel film-forming silicones

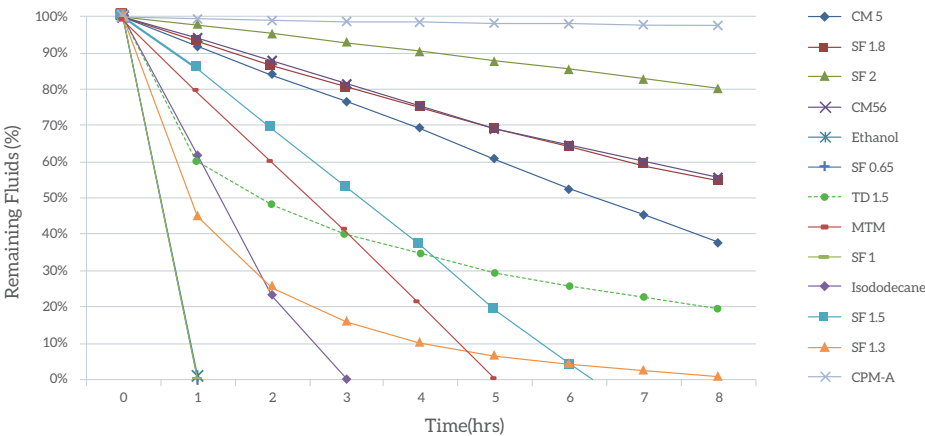
Skin Adhesion Polymers		
Product Name	INCI Name	Page 30
SeraSkin RS 10A	Bis-Vinyl Dimethicone	
SeraSkin RS 10B	Bis-Vinyldimethicone (and) Bis-Hydrogen Dimethicone (and) Hydrogen Dimethicone	

SeraSense®
A comprehensive range of tantalising
sensory focused silicone emollients
and conditioners for skin and hair care
products.



Volatile Silicone Fluids

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Flash Point (°C)	Surface Tension (mN/m)	Specific Gravity (at 25°C)
SeraSense SF 0.65	Disiloxane	<ul style="list-style-type: none">Excellent spread qualityHigh volatilityNon-VOC cosmetic solvent	The shortest chained dimethicone polymer available for fast evaporation with a non-cooling effect. A good cosmetic solvent Recommended usage level 1.0-90.0	Clear, Colourless Fluid	0.65	-3.3	15.9	0.76
SeraSense SF 1	Trisiloxane				1	30	16.9	0.818
SeraSense SF 1.5	Dimethicone	<ul style="list-style-type: none">Soft and silky skin feelExcellent spread qualityNon-VOC cosmetic solventNon-flammableNon-skin cooling vaporization	Short straight chained dimethicones that have close evaporation profiles to that of D5 with all the versatility and benefits that D5 offer but from a different silicone technology. Recommended usage level 1.0-90.0		1.5	63	17.7	0.852
SeraSense SF 2					2	80	18.3	0.873
SeraSense SF 1.8		<ul style="list-style-type: none">Excellent spreadingNo oily residueDry non-greasy feelImproves wet combingCompatible with many organic materials, solventsLow surface tension and viscosity	Volatile methylsiloxane fluid and has a linear structure with transient emollients or carriers with excellent spread ability and lubrication properties. When volatile silicone fluids evaporate, they do not leave a residue or cool the skin. By using blends of dimethicones this difference in volatility can be used to vary the residence time of the silicone on the skin. Recommended usage level 1.0-90.0		1.8	73	18.1	0.865
SeraSense TD 1.5	Dimethicone (and) Trisiloxane	<ul style="list-style-type: none">Non skin-cooling vaporizationExcellent spread qualitySoft and silky skin feelNon-VOC cosmetics solventLow D4/D5 content	It is a volatile methylsiloxane fluid and has a linear structure with transient emollients or carriers with excellent spread ability and lubrication properties. When volatile silicone fluids evaporate, they do not leave a residue or cool the skin. By using blends of dimethicones this difference in volatility can be used to vary the residence time of the silicone on the skin.		1.5	-	-	0.85
SeraSense TD 1.6					1.6	42	-	0.85
SeraSense SF CM5	Cyclopentasiloxane	<ul style="list-style-type: none">Soft and silky skin feelExcellent spread qualityNon-VOC cosmetic solventNon-flammableNon-skin cooling vaporization	Cyclic volatile silicone fluids for use in a wide variety of skin, hair and colour personal care applications. Excellent skin feel with a transient emolliency and are deemed to be the most important cosmetic solvents in use today. Recommended usage level 0.5-90.0		4	77	18	0.956
SeraSense SF CM56	Cyclopentasiloxane (and) Cyclohexasiloxane				5		20.8	0.957
SeraSense SF CPM-A	Caprylyl Methicone	<ul style="list-style-type: none">Replace D5 (Less dry than more volatile materials)Excellent compatibility with a wide range of ingredientsImproved pigment dispersibilityEasy to formulateSuperior cleansing effectCan be heated up to 90 °CPossible to make transparent formulations	An alkyl modified siloxane for use in various skin, colour and lip care formulations to improve smoothness, detakification and emollience. This Fluid is also very compatible with organic ingredients meaning that formulations containing natural materials can be created that still feel light and silky.		3	110	20.4	0.84
SeraSense SF MTM	Methyltrimethicone	<ul style="list-style-type: none">Replace D5 (better volatile & has lower freezing point)Unique sensory feelExcellent compatibilityNo irritationOdorless, ultra high purity	This branched type volatile silicone fluid has faster volatility and lower freezing point than D5. This unique sensory feel product provides improved skin wetting and a quick flash-off that leaves a dry, silky feel on skin with no buildup. And it has excellent emolliency and aesthetic carriers with superior spreading, lubrication and transient conditioning.		1.5	64	-	0.85



* SF 0.65 = SF 1 = Ethanol > Isododecane > SF 1.3 > MTM > SF 1.5 > TD 1.5 > CM 5 > SF 1.8 = CM 56 > SF 2 > CPM-A



Dimethicone Fluids

Product Name	INCI Name	Benefits	Characteristics		Appearance	Vis	Fla
SeraSense SF 5	Dimethicone	<ul style="list-style-type: none">• Excellent spread• Non-tacky emollient• Low surface tension• Skin lubricity	Low viscosity dimethicones spread extremely well to create a non-sticky moisture barrier for use in elegant skin protective creams and lotions. Can eliminate the whitening or 'soaping' effect seen in W/O emulsions. Soluble in alcohols.		Clear, Colourless Fluid	5	> 90
SeraSense SF 6						6	> 150
SeraSense SF 10						10	> 160
SeraSense SF 20						20	> 200
SeraSense SF 50						50	> 300
SeraSense SF 100						100	> 315
SeraSense SF 350		<ul style="list-style-type: none">• Good spread• Non-tacky emollient• Low surface tension• Skin lubricity	Low-medium viscoisty dimethicones offer greater substantivity than those of a lower viscosity and spread almost as well. Good emollient properties and can eliminate the whitening or 'soaping' effect seen in W/O emulsions.			350	
SeraSense SF 1K		<ul style="list-style-type: none">• Clear- Essentially nontoxic• Non bioaccumulating• Non bioactive• Non greasy• Non occlusive• Non rancidifying• Non stinging on skin	Medium viscosity polydimethylsiloxane polymers manufactured to yield essentially linear polymers with average kinematic viscosities ranging from 1,000 to 10,000cSt.			1,000	
SeraSense SF 10K						10,000	
SeraSense SF 12.5K						12,500	
SeraSense SF 60K		<ul style="list-style-type: none">• Skin protection• Imparts soft velvety skin feel• Spreads easily on both skin and hair• De-soaping (prevents foaming during rubout)	High-viscosity polydimethylsiloxane polymer for use in personal care applications. The highmolecular-weight dimethicone provides easy combing and detangling for wet or dry hair, and adds softness, smoothness and gloss.			60,000	

Gum Blends

Gum Blends

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Gum Content (%)	Flash Point (°C)	Base Oil
SeraSense GB 10	Cyclopentasiloxane (and) Dimethiconol	<ul style="list-style-type: none">Soft, silky skin feelExcellent spread of emollientLong-lasting conditioning	Blends of approximately 12~20 of an ultra-high viscosity Dimethiconol in low viscosity diluents.	Clear, Colourless Viscous Fluid	6,000	15	>80	Cyclopentasiloxane
SeraSense GB 12	Dimethicone (and) Dimethiconol				6,500	20	>135	1.5cS (and) 2cS Dimethicone Fluid
SeraSense GB 16								3,200
SeraSense GB 17					1,500	12	135	
SeraSense GB 26	Cyclopentasiloxane (and) Dimethiconol		Blends of approximately 15 of an ultra-high viscosity Dimethiconol in low Viscosity diuents.		4,500	15	> 80	Cyclopentasiloxane
SeraSense GB 87	Isododecane (and) Dimethiconol		Blends of approximately 15 of an ultra-high viscosity Dimethiconol in isododecane.		1,500	15	49.5	Isododecane
SeraSense GB 88	C11-13 Isoparaffin (and) Isohexadecane (and) Dimethiconol		Blends of approximately 27 of an ultra-high viscosity Dimethiconol in a volatile blend of hydrocarbons.		26,000	27	95	C11-13 Isoparaffin (and) Isohexadecane
SeraSense GBA 85	C13-15 Alkane (and) Dimethiconol		Blends of approximately 20.5 of an ultra-high viscosity Dimethiconol in a natural derived C13-15 Alkane.		6,800	20.5	87	C13-15 Alkane
SeraSense GBA 86	Undecane (and) Tridecane (and) Dimethiconol		Blends of approximately 27 of an ultra-high viscosity Dimethiconol in a natural based, fresh, dry and volatile hydrocarbons.		26,000	27	81	Undecane (and) Tridecane
SeraSense GB 11	Cyclopentasiloxane (and) Dimethicone		Blends of approximately 15 and 23 of an ultra-high viscosity Dimethicone in low viscosity diluents.		6,000	15	> 80	Cyclopentasiloxane
SeraSense GB 14					105,000	23		
SeraSense GB 24					9,500	40		
SeraSense GB 36	Dimethicone		Blends of approximately 8 of an ultra-high viscosity Dimethicone in diluents.		2,500	8	> 300	100cS Dimethicone Fluid
SeraSense GB 38	Dimethicone		Blends of approximately 14 of an ultra-high viscosity Dimethicone in low Viscosity dimethicone.		3,300	14	> 135	5cS Dimethicone Fluid
SeraSense GB 43	Dimethicone		Blends of approximately 30~40 of an ultra-high viscosity Dimethicone in low Viscosity dimethicone.		5,400	30-40	90	10cS Dimethicone Fluid
SeraSense GB 44	Dimethicone						100	



Phenyl Modified Silicones

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Refractive Index (at 25°C)	Flash Point (°C)
SeraSense SF DDM	Diphenyl Dimethicone	<ul style="list-style-type: none">High glossImproves spreadUnique soft feel (even compared with other silicones)	This phenyl modified compound has a higher refractive index than standard phenyl silicones, leading to benchmark beating gloss in formulations. Improves spread and slip. Good organic compatability. Addition levels vary depending on desired gloss.	Clear to Slightly Hazy, Colourless Fluid	400	1.505	> 300
SeraSense SF PTM	Phenyl Trimethicone		Effective shine enhancing agent. Improves spread and slip in hair and skin care formulations. Good organic compatability. Non-tacky feel, ideal for use in sun care products. Recommended usage level 0.5-5		25	1.460	> 101
SeraSense SF DPTM	Diphenylsiloxyl Phenyl Trimethicone		Effective shine enhancing agent. Improves spread and slip in hair and skin care and make-up formulations. Good organic compatability. Non-tacky feel, Smoothness.	Colorless, Transparent Fluid	15	1.498	> 94°C

Vinyl Dimethicone Fluids

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Vinyl Content (mmol/g)
SeraSense SF VD 100	Vinyl Dimethicone	<ul style="list-style-type: none">None-tacky emollientSuperb skin lubricityExcellent spread qualityExtremely low surface tension	Vinyl dimethicone fluid with a vinyl group attached makes these ingredients good spreading agent. It provides higher persistence than lower viscosity. It create a non-sticky and elegant skin feel	Colorless & Transparent	100	0.3-0.45
SeraSense SF VD 200					200	0.2-0.3

Amino-Functional Fluids

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Flash Point (°C)	Amine contents (wt%)
SeraSense SA 30	Amodimethicone	<ul style="list-style-type: none">Improved combabilityColour protectionCuticle protection	Amino modified silicones for use in various leave on and rinse conditioners and serums for coloured or dry damaged hair. Excellent conditioning properties with improved wet and dry combability and a soft dry hair feel. Recommended usage level 0.5-3	Clear - Slightly Hazy Fluid	2,000	> 100	1.00
SeraSense SA 34					5,500		0.04

Film formers & Fixatives & Dispersants

Film formers & Fixatives & Dispersants								
Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Active Content(%)	Base Oil	
SeraSense AC 15	Acrylates / Dimethicone Copolymer (and) Cyclopentasiloxane	<ul style="list-style-type: none">Soft flexible film formerWater resistant effectGood compatibility & dispersion stability	Graft copolymer with an acrylic polymer backbone and dimethylpolysiloxane side chain. They combines the benefits of acrylic resins with silicones. They are useful ingredients giving long lasting properties. Shows excellent water and oil repellency, wash off resistance and act as soft flexible film former.	Colourless to lightly yellow, Transpatent to slightly haze	200	30	Cyclopentasiloxane	
SeraSense AC 16	Acrylates / Dimethicone Copolymer (and) Dimethicone				30		2cS Dimethicone Fluid	
SeraSense AC 17	Acrylates / Dimethicone copolymer (and) Phenyltrimethicone				30,000		Phenyltrimethicone	
SeraSense AC 18	Acrylates / Dimethicone copolymer (and) Dimethicone				200	5cS Dimethicone fluid		
SeraSense AC 19	Acrylates / Dimethicone copolymer (and) Isododecane				500	Isododecane		
SeraSense ACA 10	Acrylates / Dimethicone copolymer (and) Undecane (and) Tridecane				700	Undecane & Tridecane		
SeraSense AC 29	Acrylates / Dimethicone copolymer (and) Isododecane	<ul style="list-style-type: none">Hard film formerWater resistant effectGood compatibility & dispersion stability	Graft copolymer with an acrylic polymer backbone and dimethylpolysiloxane side chain. They combines the benefits of acrylic resins with silicones. They are useful ingredients giving long lasting properties. Shows excellent water and oil repellency, wash off resistance and act as hard type film former.		200	40	Isododecane	
SeraSense RB 21	Dimethicone (and) Trimethylsiloxysilicate	<ul style="list-style-type: none">Pigment adhesion promotorWash-off resistanceSoft skin feelAnti-frizz agent	This silicone resin in fluid blend offers good pigment adhesion with a matt finish for use in colour cosmetics. For hair care applications, this ingredient is easilly incorporated into protective serums where its anti-frizz properties are truly impressive. Recommended usage level 0.5-3		800	33	100cS Dimethicone Fluid	
SeraSense RB 22	Cyclopentasiloxane (and) Trimethylsiloxysilicate				500	50	Cyclopentasiloxane	
SeraSense RB 23	Dimethicone (and) Trimethylsiloxysilicate				700	65	2cS Dimethicone Fluid	
SeraSense RB 24	Dimethicone (and) Trimethylsiloxysilicate				500	70	1.5cS Dimethicone Fluid	
SeraSense RB 25	Trimethylsiloxysilicate (and) Diphenylsiloxy Phenyl Trimethicone				40,000	60	Diphenylsiloxy Phenyl Trimethicone	
SeraSense RBS 11	Isododecane (and) Trimethylsiloxysilicate	<ul style="list-style-type: none">Excellent compatibility with organic & polar ingredientForms a strong & non-sticky filmExcellent water, oil resistance, durability	MQ resin blend with modified alkyl and polar groups. Different fluidity depending on temperature and shear rate.	Colorless to yellow Viscous liquid	100,000-350,000	40-60	Isododecane	
SeraSense RBA 25	Undecane (and) Tridecane (and) Trimethylsiloxysilicate	<ul style="list-style-type: none">Pigment adhesion promotorWash-off resistanceSoft skin feelAnti-frizz agent	This silicone resin in fluid blend offers good pigment adhesion with a matt finish for use in colour cosmetics. For hair care applications, this ingredient is easilly incorporated into protective serums where its anti-frizz properties are truly impressive. Recommended usage level 0.5-3	Colourless to lightly yellow, Transpatent to slightly haze	450	70	Undecane & Tridecane	
SeraSense AW 61	Acrylates / Stearyl acrylate / Dimethicone Methacrylate Copolymer	<ul style="list-style-type: none">Wax type mild film formerExcellent gloss persistenceExcellent adhesion	Graft copolymer with an acrylic polymer backbone and dimethylpolysiloxane side chain. They combines the benefits of acrylic resins with silicones. They are useful ingredients giving long lasting properties. Shows excellent water and oil repellency, wash off resistance and act as mild film former and shows good adhesion and gloss.	White to light yellow wax	Mp. 30	100	-	
SeraSense AD 52	Dimethicone (and) Acrylates / Dimethicone Copolymer	<ul style="list-style-type: none">Good dispersion stability with pigments and powdersGood compatibility with organic sunscreens and cosmetic ingredients	Graft copolymer with an acrylic polymer backbone and dimethylpolysiloxane side chain	Clear, Colorless~Light yellow	20	30	2cS Dimethicone Fluid	
SeraSense AD 54	Methyl Trimethicone (and) Acrylates / Dimethicone Copolymer	<ul style="list-style-type: none">Good dispersion stability with pigments and powdersGood compatibility with organic sunscreens and cosmetic ingredients	They combines the benefits of acrylic resins with silicones. - Anchorage of ester group of polyacrylate on pigment surface - Hydrogen bond of hydrophilic functional group with OH group of pigment surface 0.5 – 20% to sunscreens and color cosmetic formulations		20	30	Methyltrimethicone	

Functional Fluids

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)
SeraSense CF 50	Bis hydroxyethoxypropyl Dimethicone	<ul style="list-style-type: none">Wide range of compatibilities with both polar and non-polar solventsSmoother, less tacky and more substantive than linear siliconesEnhanced binder properties in powderStable in acid/base conditions	Carbinol structure is slightly different than commercial products. General appearance is same. This product offer Improving pigment and active processing and suspension, Enhancing SPF in sun care applications	Colourless – light amber Fluid	60
SeraSense CF 52					45
SeraSense CF 53					35
SeraSense SF PCA	PCA Dimethicone	<ul style="list-style-type: none">Long lasting smooth, silky feelWetting and dispersing agent	This product has outstanding emolliency. It helps to disperse the pigment in the silicone by lowering the interaction tension.	Clear – Slightly Hazy yellow Fluid	600
SeraSense AG 21	Bis-C16-18 Alkyl Glyceryl Undecyl Dimethicone	<ul style="list-style-type: none">Increase make-up durabilityAdhesion feelMoisturizing glossEnhance long lasting	Pendent type glyceryl undecyl modified Silicone The hydrophobic alkyl chain and the hydrophilic glycerol group at the end interact to stably disperse the pigment	Colorless to slightly yellow	1,700

ZnO & TiO2 Dispersion Fluids

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Powder (%)	Base Oil
SeraSense ZD 20	Zinc Oxide (and) Dimethicone (and) Polyglyceryl-3 Polydimethylsiloxethyl Dimethicone (and) Triethoxycaprylsilane	<ul style="list-style-type: none">Effectively blocks UVA and UVBExcellent dispersion power and is easy to use (in SPF formula)Good dispersion stability	A fluid that evenly distributed Zinc Oxide This is a dispersion in which zinc oxide in powder form are dispersed in silicone fluid using KCC Silicone's non-PEG dispersant, Polyglyceryl-3 Polydimethylsiloxethyl Dimethicone.	Light yellowish white fluid	< 4,000	65	2cS Dimethicone Fluid
SeraSense TI 20	Titanium dioxide(and) Dimethicone (and) Lauryl Polyglyceryl-3 Polydimethylsiloxethyl Dimethicone (and) Aluminum hydroxide (and) Stearic acid		A fluid that evenly distributed Titanium Dioxide This is a dispersion in which titanium dioxide in powder form are dispersed in silicone fluid using KCC Silicone's non-PEG dispersant, Lauryl Polyglyceryl-3 Polydimethylsiloxethyl Dimethicone.			45	

SeraSol®
Gentle water soluble polymers and emulsifiers for the creation of elegant emulsions or fantastically rich luxurious bathing products.



Silicone Copolyols

Product Name	INCI Name	Benefits	Characteristics		Appearance	Viscosity (cP)	HLB	Gel Content (%)	Base Oil
SeraSol SC 81	PEG-12 Dimethicone	<ul style="list-style-type: none">• Pro-foamer• Si/W emulsifier• Cold processable• Wetting agent	A light and silky water soluble PEG modified silicone for use in a wide range of skin care and hair care applications. Good foam booster and wet conditioner for shaving, bathing and shower products. Recommended usage level 1.5-5.0		Clear to slightly hazy, light amber fluid	250-450	13		
SeraSol SC 83T	Cetyl PEG/PPG-10/1 Dimethicone	<ul style="list-style-type: none">• Cold processable• Non-ionic W/O or W/Si emulsifier• W/O/W emulsions possible• Excellent key emulsion stabiliser• Light unique silky emulsions created	Unique silicone emulsifiers for skin creams, lotions and foundations. The copolyol acts as the hydrophile whilst the alkyl modification offers the hydrophobic tail, with the silicone acting as the sandwiching layer that offers a pleasant light and silky feel to the W/O or W/Si emulsion. Compatible with high levels of organic ingredients. Generates excellent freeze / thaw stability. Recommended usage level 0.5-3.0		Clear, colourless to yellow fluid	1,500	< 5		
SeraSol SC 95	Lauryl PEG-8 Dimethicone	<ul style="list-style-type: none">• W/O or W/Si emulsifier• Good compatibility with silicones and organic oils• Low viscosity emulsions can be achieved with cold process• High pigment and powder dispersion performance	W/O or W/Si silicone emulsifier can make stable emulsions with low viscosity and pleasant sensory feel. The alkyl functionality contributes to high compatibility with silicone and organic oils, and the PEG hydrophilic group helps enhance pigment dispersion performance to give improved color intensity of foundations. Recommended usage level 1.0-5.0		Clear to slightly hazy, colourless to light yellow fluid	850	3		
SeraSol SC 96	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	<ul style="list-style-type: none">• Excellent emulsion stability in W/O formulations• High compatibility with silicones and organic oils (hydrocarbons, esters)• Low viscosity emulsions can be achieved with cold process• High pigment and powder dispersion performance• D4/D5/D6 contents : < 0.1%	W/O or W/Si silicone emulsifier can make stable emulsions with low viscosity and pleasant sensory feel. The alkyl functionality contributes to high compatibility with silicone and organic oils, and the PEG hydrophilic group helps enhance pigment dispersion performance to give improved color intensity of foundations. Recommended usage level 1.0-5.0		Transparent	700	< 3		
SeraSol SC 96T				Colorless to slightly yellow					
SeraSol SC 85	PEG-11 Methyl Ether Dimethicone	<ul style="list-style-type: none">• Pro-foamer• Si/W emulsifier, O/W co-emulsifier• Cold processable• Wet-conditioning agent• Humectant	Silicone glycol copolymer soluble in water. This silky soft PEG modified silicone offers excellent wet conditioning whilst creating gloss and reducing static in skin and hair Recommended usage level 0.5-5			120	12		
SeraSol SC 86T	PEG-10 Dimethicone	<ul style="list-style-type: none">• Silicone emulsifier• Formulation flexibility with a broad range of silicone and organic oil phases• Low viscosity emulsions can be achieved• Ease of use• Cold or hot processing	A light and silky PEG modified silicone for use as a surface tension depressant, or emulsifier in a wide range of colour cosmetic, skin care and clear hair care applications. Good wet conditioner for shaving and hair care products. Recommended usage level 0.5-3		Clear, colourless fluid	700	< 4		
SeraSol SC 93	Bis-PEG-12 Dimethicone	<ul style="list-style-type: none">• Foaming property• Moisturizing and sensory feel• D4, D5, D6 contents : < 0.1%; Low odor	SeraSol SC 93 is a copolymer of dual-ended polydimethylsiloxane and PEG-12. It is used in various applications such as personal care and household products. Recommended usage level 0.5-10		Clear to hazy liquid	270	14		
SeraSol SC 105	Dimethicone (and) PEG/PPG-18/18 Dimethicone	<ul style="list-style-type: none">• Good emulsion stability in water-in-silicone formulations• Implement film forming feel• D4, D5, D6 contents : < 0.1%; Low odor	SeraSol SC 105 is a copolymer of polydimethylsiloxane, polyoxyethylene ether and polyoxypropylene ether. A light and silky PEG/PPG modified silicone for use as a surface tension depressant, or emulsifier in a wide range of colour cosmetic, skin care product. Recommended usage level 3-12		Milky white liquid	2,000	2		
SeraSol PF 105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	<ul style="list-style-type: none">• PEG Free silicone emulsifier• Non-ionic W/O of W/Si emulsifier• High compatibility with silicones and organic oils• Good dispersion stability with pigments and powders	Polyglycerin modified W/O or W/Si Silicone emulsifier. These silicone emulsifier allow various PEG Free cosmetic formulations and provide enhanced sensory benefits. Also, its excellent powder dispersion capabilities can enable higher performance in formulations with pigments and powders.		Clear, colourless to yellow fluid	4,000	< 3		
SeraSol PF 106	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone					6,000	< 5		
SeraSol PF 107	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone					4,000	< 3		
SeraSol PF 116	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone					1,100	< 5		
SeraSol EL 92A	Dimethicone (and) Dimethicone / PEG-10 / 15 Crosspolymer	<ul style="list-style-type: none">• Silicone swellable elastomeric emulsifier• Light non-greasy silicone elastomer feel• Highly stable W/Si emulsifier• Cold processable• Unique skin feel• Can form transparent serums	A PEG modified self-emulsifying crosslinked silicone elastomer for the creation of truly unique W/Si emulsions. It can be used in a variety of skin care, colour cosmetics and sun care applications. Recommended usage level 1.0-5.0			150,000	-	29	6cS Dimethicone Fluid
SeraSol EL 98	Isohexadecane (and) PEG 15 / Lauryl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Excellent compatibility with organic oil• Emulsifying silicone gel• Cold processable	PEG, Alkyl modified self-emulsifying crosslinked silicone elastomer. It can be used in a variety of skin care products, colour cosmetics and sun care applications. Recommended usage level 1.0-5.0		Translucent Paste	65,000	-	24	Isohexadecane
SeraSol EL 99	Dimethicone (and) PEG-15 / Lauryl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Light non-greasy and silky skin feel-elastomeric feel				90,000	-	30	2cS Dimethicone fluid

SeraSoft®
A versatile range of soft silicone waxes to offer the gentle care a sun, skin or lip care product needs, without greasy after effects.

Silicone Waxes

Product Name	INCI Name	Benefits	Characteristics	Appearance	Melting point (°C)
SeraSoft SW 70-A	Stearyl Dimethicone (and) Octadecene	<ul style="list-style-type: none">• Enhances gloss• Promotes lubricity• Water-barrier for the skin• SPF booster• Detackifier in creams and lotions• Rheology modifier• High melting point(similar body temperature)• Forming solid product	A soft wax alkylated silicone. The stearyl (C18)modification makes this type of silicone more compatible with organic ingredients. Melts luxuriously onto the skin at 32°C. Ideal for use in sun and lip care products due to its high refractive index, low tack, and potential pigment spreading abilities. Recommended usage level 0.5-10	White to slightly yellow wax	32
SeraSoft SW 71-A	Cetyl Dimethicone (and) Hexadecene	<ul style="list-style-type: none">• Enhances gloss• Promotes lubricity• Water-barrier for the skin• SPF booster• Detackifier in creams and lotions• Increase Viscosity	A liquid alkylated silicone. The cetyl(C16) modification makes this type of silicone more compatible with organic ingredients. Ideal for use in sun care products due to it's potential active spreading abilities. Recommended usage level 0.5-10	Colorless to yellow liquid	18
SeraSoft SW 74	Cetyl Dimethicone	<ul style="list-style-type: none">• Enhances gloss• SPF booster• Good organic compatibility• Promotes lubricity• Potential active spreading abilities	A liquid alkylated silicone wax. The cetyl modification makes this type of silicone more compatible with organic ingredients. Ideal for use in sun care products due to it gives SPF boosting effect.	Colorless to yellow liquid	< 15
SeraSoft SW 75	Bis-PEG-18 Methyl Ether Dimethyl Silane	<ul style="list-style-type: none">• Water soluble• Moisturizing film forming• Melts on contact with skin• Leaves skin feeling smooth and soft• Detackifier in creams and lotions• Improves foam quality	A water dispersible silicone glycol copolymer wax for use in various skin care and foaming applications due to its qualities as a rich pro-foamer and humectant. Melts onto skin. Recommended usage level 0.5-10	White to slightly yellow wax	37



SeraShine®
High-tech easy to use personal care emulsions capable of delivering a broad spectrum of beautifying effects to meet the needs of the most advanced personal care formulations.



Dimethicone Emulsions

Dimethicone Emulsions

Product Name	INCI Name	Benefits	Characteristics		Appearance	Internal Viscosity (cS at 25°C)	Emulsion viscosity (cS at 25°C)	Silicone contents (wt%)	Particle Size (µm)	Emulsifier Type
SeraShine EM 103R	Dimethicone (and) Laureth-23 (and) Laureth-3	<ul style="list-style-type: none">• Reduced combing time on wet and dry hair• Conditioning agent• Leaves hair feeling soft• Imparts high gloss	A non-ionic emulsion of a blend of ultra-high molecular weight polydimethylsiloxane gum and intermediate molecular weight polydimethylsiloxane fluid specifically designed for use in personal care products. This Silicone gum emulsion provides strong conditioning performance. Recommended usage level 2-5		Milky white liquid	300,000	4,000-8,000	60	10-30	Non-ionic
SeraShine EM 104R						60,000	2,000-4,000		1-10	
SeraShine EM 106				500,000		2,000-10,000	40	20-40		
SeraShine EM 108R				600,000		4,000-8,000	60	10-30		
SeraShine EM 125				500,000		7,000-15,000				
SeraShine EM 127				60,000		3,000-8,000	70	1-10		
SeraShine EM 129	Dimethicone (and) Laureth-23 (and) Laureth-4		A non-ionic emulsion of a high molecular weight polydimethylsiloxane fluid with a medium particle size specifically designed for use in personal care products. This product provides strong conditioning performance. Recommended usage level 2-5			200,000	2,000-10,000	60	0.1-5	
SeraShine EM 130	Dimethicone (and) Laureth-23 (and) Laureth-3					500,000	11,000	60	15-25	
SeraShine EM 234C	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	<ul style="list-style-type: none">• Improve soft and smooth, and leave light feeling for hair.• Easy to be rinsed off, no build up.• Mild preservative system, MIT/CMIT free.	A clear micro dimithiconol anionic emulsion, can be used for clear shampoo and other clear water based products. Recommended usage level 0.5 - 5.0%		Slight yellow clear to translucent liquid	70,000	150	22	< 0.1	Anionic
SeraShine EM 238		<ul style="list-style-type: none">• Designed for fine hair types• Improves wet combing• Gives a soft feel to hair and skin• Enhances shine• Foam is not adversely affected	An anionic emulsion of very high viscosity polydimethylsiloxane. Combination of high internal viscosity and fine particle size means this emulsion is ideal for for fine hair types. Designed for frequent use. Recommended usage level 0.5-5 depending on conditioning required		Milky white emulsion	> 1 million	1,000	50	< 0.3	



Amino Functional Emulsions

Product Name	INCI Name	Benefits	Characteristics	Appearance	Internal Viscosity (cS at 25°C)	Emulsion viscosity (cS at 25°C)	Silicone contents (wt%)	Particle Size (µm)	Emulsifier Type	Amine contents (wt%)
SeraShine EM 301-A	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	<ul style="list-style-type: none">• Highly substantive to hair• Improves wet and dry combing• Offers colour protection• Excellent detangling	A cationic macro emulsion of an amino functional silicone polymer for use in a range of hair care formulations including shampoos, conditioners, styling aids and hair colourants Recommended usage level 1-5	Milky white	5,000	1-100	35	< 0.3	Cationic	0.07
SeraShine EM 339										
SeraShine EM 305CR	Amodimethicone (and) C12-14 sec-Pareth-7	<ul style="list-style-type: none">• Micro emulsion• Reduced combing time on wet and dry hair• Conditioning agent• Imparts high gloss - Leaves hair feeling soft	A non-ionic micro emulsion has an average particle size of 30 nanometers. This product is micro emulsion of amino-modified silicone polysiloxane fluid specifically designed to be used in aqueous based conditioning products for damaged hair. Recommended usage level 1-4	Clear to slightly hazy liquid	1,000	< 500	23	< 0.1	Non-ionic	0.2
SeraShine EM 310	Amodimethicone (and) Steartrimonium chloride	<ul style="list-style-type: none">• Highly substantive to hair• Improves wet and dry combing• Excellent conditioning agent	A cationic macro emulsion of an amino functional silicone polymer for use in a range of hair care formulations including shampoos, conditioners, styling aids. Recommended usage level 1-5	Milky white liquid	5,000	5,000	70	1-10	Cationic	0.03
SeraShine EM 505	Amodimethicone (and) Dimethicone (and) Laureth-23 (and) Laureth-6	<ul style="list-style-type: none">• Superior conditioning performance• Excellent hair smoothness• Enhances dry combing and softness	A non-ionic macro emulsion of a blend of amino-modified silicone polysiloxane fluid and high molecular weight polydimethylsiloxane fluid specifically designed for use in hair care products requirable low yellowish and conditioning effect. Recommended usage level 2-5		220,000	2,000-5,000	60	< 1	Non-ionic	0.03
SeraShine EM QSE 1	Amodimethicone (and) Polyquaternium-10 (and) Trideceth-12 (and) Cetrimonium Chloride	<ul style="list-style-type: none">• Dual-phase conditioning agents Amodimethicone & Polyquaternium-10• Conditioning on wet and dry hair• Damage care Anti-frizz and Tangle free• Enhances shine and softness	A macro emulsion of an amino functional silicone polymer with Polyquatanium-10 for use in a range of hair care formulations including shampoos, conditioners. Recommended usage level 1-5	Yellow cream	5,000	100,000-300,000	35	100-600	Non ionic & Cationic	0.15-0.19
SeraShine EM QSE 2	Amodimethicone (and) Polyquaternium-10 (and) Laureth-6 (and) Laureth-23				80,000		40		Non ionic	0.12-0.16



Multi-Functional Emulsions

Product Name	INCI Name	Benefits	Characteristics	Appearance	Internal Viscosity (cS at 25°C)	Emulsion viscosity (cS at 25°C)	Silicone contents (wt%)	Particle Size (µm)	Emulsifier Type
SeraShine EM 410	Dimethicone (and) Water (and) Guar Hydroxypropyltrimonium Chloride (and) C12-14 Sec-Alketh-3 (and) Cocamidopropyl Betaine	<ul style="list-style-type: none">• Superior conditioning performance• Excellent hair smoothness• Enhances dry combing and softness	An amphoteric emulsion of a high viscosity polydimethylsiloxane fluid with the addition of a guar gum for use in shampoo and conditioner formulations without the need for a deposition aid. Recommended level 2-5	Milky white liquid	60,000	7,000-15,000	65	15-42	Amphoteric Non-ionic
SeraShine EM 504R	Dimethicone (and) Cocamidopropyl Betaine (and) Laureth-3 (and) Guar Hydroxypropyltrimonium Chloride				500,000	8,000-15,000		1-10	Amphoteric
SeraShine EM 509	Dimethicone (and) Trimethylsiloxysilicate (and) Poloxamer188 (and) Poloxamer 388 (and) 1,2-hexanediol	<ul style="list-style-type: none">• Anti-frizz agent• Wash – off resistance• Gloss• Soft skin feel for aqueous base formulations• Easy to use in water based product	A non-ionic emulsion of resin blends imparts a soft feel to skin and hair. It is specifically designed to facilitate incorporation of resin blends into water based formulations. Recommended usage level 1-10	Opaque	800	-	55	Max. 5	
SeraShine EM 510	Dimethiconol (and) Decyl glucoside (and) 1,2-Hexanediol (and) Carbomer	<ul style="list-style-type: none">• Biodegradable surfactant emulsion• Leaves hair feeling soft• Anti-frizz agent• Gloss• Easy to use in water based product.	A non-ionic emulsion of high viscosity polydimethylsiloxane fluid. It imparts a soft feel to skin and hair. Recommended usage level 1-10	Milky white to Slightly yellow liquid	80,000	20,000	65	1-15	
SeraSilk EM 602	Dimethicone / Vinyl Dimethicone Crosspolymer (and) C12-14 sec-Pareth-7	<ul style="list-style-type: none">• Imparts a silky feel to skin and hair• Leaves hair feeling soft• Reduces shine on skin	A non-ionic water-based suspension of elastomeric silicone powder imparts silky feel to skin and hair. It is specifically designed to facilitate incorporation of elastomer powder into water based formulations. Recommended usage level 1-5	Milky white liquid	-	500-5,000	58	1-10	
SeraSilk EM 605	Dimethicone (and) Water (and) Glycerin (and) Butylene glycol (and) Glycereth-20 (and) Pentylene glycol (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Phenoxyethanol (and) Carbomer (and) Amodimethicone(and) Sodium Hydroxide (and) Disodium EDTA	<ul style="list-style-type: none">• Emulsion of crosslinked silicone elastomer blends• Light and smooth feel for aqueous base formulations• Provides soft, silky feel without greasy feel• Easy to use cosmetic formulation	A transparent to translucent emulsion of elastomer blends imparts a silky feel to skin and hair. This product as a emulsifier free emulsion is specifically designed to facilitate incorporation of elastomer blends into water based formulations. Recommended usage level 1-10	Clear to Slightly hazy, Colorless to Slightly yellow gel	Max. 500	20,000-100,000	30	1-30	Non-ionic
SeraSilk EM 610	Dimethicone (and) Water (and) Glycerin (and) Butylene glycol (and) Glycereth-20 (and) Pentylene glycol (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) 1,2-Hexanediol (and) Carbomer (and) Amodimethicone (and) Sodium Hydroxide (and) Disodium EDTA	<ul style="list-style-type: none">• Emulsion of crosslinked silicone elastomer blends• Light and smooth feel for aqueous base formulations• Provides soft, silky feel without greasy feel• Easy to use cosmetic formulation• Phenoxyethanol free emulsion							
SeraSilk EM 608	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer (and) Laureth-4 (and) Laureth-23 (and) 1,2-Hexanediol	<ul style="list-style-type: none">• Using easy silicone elastomer blends to aqueous cosmetic products• Imparts a silky feel to skin and hair• Reduces tackiness in formulations	A non-ionic emulsion of elastomer blends imparts a silky feel to skin and hair. It is specifically designed to facilitate incorporation of elastomer blends into water based formulations. Recommended usage level 1-70	Milky white liquid	130,000	1,000-15,000	75	1-15	

SeraSilk®
Silky silicone elastomers designed to present luxury to hair or skin care formulations where sensory excellence is required.



Elastomer Blends

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS)	Gel Content (%)	Base Oil
SeraSilk EL 58	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Excellent thickening agent for volatile silicones and low viscosity silicones• Light, silky, non-greasy skin feel	A mixture of a high molecular weight crosslinked silicone elastomer in cyclopentasiloxane. Recommended usage level 1-90	Transparent Paste	400,000	18	2cS Dimethicone Fluid
SeraSilk EL 59	Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer				320,000	13.5	Cyclopentasiloxane
SeraSilk EL 60				Slightly translucent paste	350,000	13	Cyclopentasiloxane
SeraSilk EL 61	160,000				20	6cS Dimethicone Fluid	
SeraSilk EL 63	380,000				14	Cyclopentasiloxane	
SeraSilk EL 64	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer				400,000	20	2cS Dimethicone Fluid
SeraSilk EL 65					430,000	18	
SeraSilk EL 66					250,000	15	1.5cS & 2cS Dimethicone Fluid
SeraSilk EL 74	Dimethicone (and) Cyclopentasiloxane (and) Dimethicone / Vinyl dimethicone Crosspolymer				150,000	13	5cSt Dimethicone fluid and Cyclopentasiloxane
SeraSilk EL 75	Dimethicone (and) Dimethicone / Vinyl dimethicone Crosspolymer			Transparent Paste			6cS Dimethicone Fluid
SeraSilk EL 81	Dimethiconol (and) Isododecane (and) Dimethicone / Vinyl Dimethicone Crosspolymer			High transparent paste	130,000	16	Dimethiconol & Isododecane
SeraSilk EL 86	Methyl Trimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Gives Silky skin feeling• Efficient thickening agent• Matte effect• Good compatibility with silicones	SeraSilk EL 86 uses MTM base oil to produce a lightweight texture and a soft matte feel. SeraSilk EL 86 has a transparent appearance because of very lower degree of cross-link than general elastomer blends and maintains its clarity upon dilution in low molecular weight silicones.	Transparent Paste	70,000	10	Methyl Trimethicone
SeraSilk EL 10	Dimethicone (and) Dimethicone Crosspolymer	<ul style="list-style-type: none">• Gives soft and long lasting skin feel• Thickening agent• D4, D5 content is less than 0.1%.	A mixture of high molecular weight crosslinked silicone elastomer in Dimethicone-5cSt. It can be included in many products to enhance the skin feel, spreadability, and absorption of the finished product. Recommended usage level 1-90		250,000	17	5cS Dimethicone Fluid
SeraSilk EL 11				350,000	16.5	5cS Dimethicone Fluid	
SeraSilk EL 12	Cyclopentasiloxane (and) Dimethicone Crosspolymer	<ul style="list-style-type: none">• Provides silky, smooth and long-lasting skin feel• Light texture• D4 content is less than 0.1%	A mixture of a high molecular weight crosslinked silicone elastomer in low viscosity silicone fluid.	Slightly Translucent Paste	430,000	12.5	Cyclopentasiloxane
SeraSilk EL 13					330,000	12	Cyclopentasiloxane
SeraSilk ELA 20	Undecane (and) Tridecane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Works well with all kinds of oils including natural and silicone oil• Uses base oil manufactured via fermentation of plant oil such as coconut and palm kernel oil or sugar cane oil• Light non-greasy and silky skin feel	A mixture of a high molecular weight crosslinked silicone elastomer in natural origin oil.	Translucent Paste	150,000	23	Undecane (and) Tridecane
SeraSilk ELA 21	C13-15 Alkane (and) Dimethicone / Vinyl Dimethicone Crosspolymer				150,000	23	C13-15 Alkane
SeraSilk EL 30	Dimethicone (and) Drometrizole Dimethicone / Bis-Vinyl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Good compatibility with the UV-Filters• Maintains the Sun protection factor even after applying the elastomer in to the formulation• Works as a SPF enhancer as well as a rheology/ sensory modifier• Smooth & Soft & Silk feel	A crosslinked silicone gel modified UV-absorbing group, Drometrizole. A mixture of a high molecular weight crosslinked silicone gel in low viscosity silicone fluid.	Yellow paste	300,000-1,500,000	30-35	6cS Dimethicone
SeraSilk EL 31	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer						
SeraSilk EL 41	Dimethicone (and) Polysilicone-11	<ul style="list-style-type: none">• Extreme softness without any baling effect compared to other gel blends• Sebum absorption• Non-tacky, and non-oily texture• Matte finish with a smooth powdery after-feel	A mixture of a high molecular weight Polysilicone-11 in low viscosity silicone fluid. Recommended usage level 1-90	Translucent paste	160,000	18	5cS Dimethicone
SeraSilk EL 42					200,000	20	6cS Dimethicone
SeraSilk EL 44	Phenyl Trimethicone (and) Polysilicone-11			Slightly Translucent Paste	160,000	20	Phenyl Trimethicone
SeraSilk AM 76	Cyclopentasiloxane (and) Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Excellent compatibility with organic oil• Soft skin feel & spreading ability• Thickening agent• Stabilizer for W/O and O/W emulsion.	A crosslinked gel contains a substituted alkyl functionality to increase organic compatibility in personal care formulations. High swelling capability in hydrocarbon oils and increase the structural viscosity of the oil phase. Smooth, silky feeling of elastomer and a good adhesion onto the skin due to the alkyl chain.		200,000	12	Cyclopentasiloxane
SeraSilk AM 80	Dimethicone (and) Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer			14		2cS Dimethicone Fluid	
SeraSilk PD 72	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	<ul style="list-style-type: none">• Using easy silicone elastomer powder to cosmetic product• Gives a light, silky, non-greasy skin feel, good rolling• Matte finish, Sebum absorption• Imparts viscosity to W/O emulsions	A mixture of a high molecular weight crosslinked silicone elastomer powder in a blend of cyclopentasiloxane and cyclohexasiloxane for a unique evaporation profile. Enhance the skin feel, spreadability, absorption and "soft-focus" effect of the finished product. Recommended usage level 1-95	Translucent paste		26	2cS Dimethicone Fluid
SeraSilk PDA 90	Dimethicone (and) Silica (and) Polysilicone-11 (and) Cetyl alcohol	<ul style="list-style-type: none">• Enhance the skin feel, spreadability, absorption and soft focus effect• Strong mattifying agents• Sebum absorbing properties, non-greasy and smooth	A mixture of silica and high molecular weight crosslinked silicone elastomer blend. The Silica is natural raw material that do not correspond to microplastics Contains more than 10% silica based on special crosspolymer technology.	Slightly Translucent Paste	200,000-600,000	13	5cS Dimethicone

SeraSnow®
A light range of silicone powders and treatments to improve the feel, compatibility or water resistance of products where these unique products are needed.

Silicone Powders & Treatments

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25oC)	H-contents (mmol/g)	Flash Point (°C)	Particle Size (µm)
SeraSnow SF 10	Methicone	<ul style="list-style-type: none">• Surface coating for pigments• Soft, silky texture	A non-toxic, hydrophobic surface treatment for pigments. Methicone surface treating ensures pigment adhesion to the skin and improves ease of integrating pigments into W/Si foundation products.		20	15.5		-
SeraSnow SF 11	Hydrogen Dimethicone	<ul style="list-style-type: none">• Highly reactive• Surface coating for pigments• Soft, silky texture	Polysiloxanes, which contains silicon-bonded hydrogen atoms. This crosslinking agent is used to vulcanize vinyl-group containing silicones. For the reaction work, the presence of a precious metal catalyst is necessary. The optimum cure ratio is usually determined by measuring the hardness of cured elastomer at different ratios.	Colourless liquid	40	7.3	100	-
SeraSnow SP 13	Dimethicone / Vinylmethicone Crosspolymer	<ul style="list-style-type: none">• Silicone elastomer powder• Gives a light, silky, non-greasy skin feel• Matte effect• Imparts viscosity to W/O emulsions• May absorb sebum• Can be used in cold processes• Good rolling effect to make-up product	A 100% active high molecular weight crosslinked silicone elastomer powder. SeraSnow SP 13 can be included in many products to enhance the skin feel, spreadability, absorption and "soft-focus" effect of the finished product. Can also be used in dry shampoo formulations to absorb natural oils whilst offering a soft feel		-	-	-	2-18
SeraSnow SP 14	Vinyl Dimethicone / Methicone Silsesquioxane Crosspolymer			White powder	-	-	-	5-20
SeraSnow SP 15	Vinyl Dimethicone / Methicone Silsesquioxane Crosspolymer	<ul style="list-style-type: none">• Silicone resin coated elastomer powder• Excellent dispersibility, flowability, non-agglomeration• Provide soft-focus effect, wrinkle cover• High oil and sebum absorption : dry, silky smooth skin feel	These are silicone powder coated with resin They are designed to improve the agglomeration of the silicone elastomer powder. So It have excellent dispersibility and flowability It can be included in many products to enhance the skin feel, spreadability, absorption and soft-focus- effect of the finished product. These are excellent for wrinkle-smoothing formulations.		-	-	-	3-15

SeraSkin®
Specialist skin active protecting systems
for creating clear gels that can deliver
actives, offer strong wash off resistance
and protect the skin in woundcare
applications.

Skin Adhesion Polymers

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	Gel Time (25°C)	Penetration (mm*10)
SeraSkin RS 10A	Bis-Vinyl Dimethicone	• Forms a clear protective gel layer	This 2-part blend crosslinks to create a transparent gel. Can be used in mask pack and woundcare applications.	Transparent liquid	450	60-120 mins	180-230 mins
SeraSkin RS 10B	Bis-Vinyldimethicone (and) Bis-Hydrogen Dimethicone (and) Hydrogen Dimethicone				260		

