

Silicone Copolyols

Product Name	INCI Name	Benefits	Characteristics	Appearance	Viscosity (cS at 25°C)	HLB	Gel content(%)	Base Oil
SeraSol SC 81	PEG-12 Dimethicone	<ul style="list-style-type: none"> <li>Pro-foamer</li> <li>Si/W emulsifier</li> <li>Cold processable</li> <li>Wetting agent</li> </ul>	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"> <li>Cold processable</li> <li>Non-ionic W/O or W/Si emulsifier</li> <li>W/O/W emulsions possible</li> <li>Excellent key emulsion stabiliser</li> <li>Light unique silky emulsions created</li> </ul>	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"> <li>W/O or W/Si emulsifier</li> <li>Good compatibility with silicones and organic oils</li> <li>Low viscosity emulsions can be achieved with cold process</li> <li>High pigment and powder dispersion performance</li> </ul>	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 85	PEG-11 Methyl Ether Dimethicone	<ul style="list-style-type: none"> <li>Pro-foamer</li> <li>Si/W emulsifier, O/W co-emulsifier</li> <li>Cold processable</li> <li>Wet-conditioning agent</li> <li>Humectant</li> </ul>	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"> <li>Silicone emulsifier</li> <li>Formulation flexibility with a broad range of silicone and organic oil phases</li> <li>Low viscosity emulsions can be achieved</li> <li>Ease of use</li> <li>Cold or hot processing</li> </ul>	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"> <li>Foaming property</li> <li>Moisturizing and sensory feel</li> <li>D4, D5, D6 contents : &lt; 0.1%; Low odor</li> </ul>	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"> <li>Good emulsion stability in water-in-silicone formulations</li> <li>Implement film forming feel</li> <li>D4, D5, D6 contents : &lt; 0.1%; Low odor</li> </ul>	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"> <li>PEG Free silicone emulsifier</li> <li>Non-ionic W/O of W/Si emulsifier</li> <li>High compatibility with silicones and organic oils</li> <li>Good dispersion stability with pigments and powders</li> </ul>	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.		4,000	< 3		
SeraSol PF 106	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	<ul style="list-style-type: none"> <li>PEG Free silicone emulsifier</li> <li>Non-ionic W/O of W/Si emulsifier</li> <li>High compatibility with silicones and organic oils</li> <li>Good dispersion stability with pigments and powders</li> </ul>	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	6,000	< 5		
SeraSol PF 107	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	<ul style="list-style-type: none"> <li>PEG Free silicone emulsifier</li> <li>Non-ionic W/O of W/Si emulsifier</li> <li>High compatibility with silicones and organic oils</li> <li>Good dispersion stability with pigments and powders</li> </ul>	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.		4,000	< 3		
SeraSol EL 92A	Dimethicone (and) Dimethicone / PEG-10 / 15 Crosspolymer	<ul style="list-style-type: none"> <li>Silicone swellable elastomeric emulsifier</li> <li>Light non-greasy silicone elastomer feel</li> <li>Highly stable W/Si emulsifier</li> <li>Cold processable</li> <li>Unique skin feel</li> <li>Can form transparent serums</li> </ul>	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"> <li>Excellent compatibility with organic oil</li> <li>Emulsifying silicone gel</li> <li>Cold processable</li> <li>Light non-greasy and silky skin feel-elastomeric feel</li> </ul>	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"> <li>Excellent compatibility with organic oil</li> <li>Emulsifying silicone gel</li> <li>Cold processable</li> <li>Light non-greasy and silky skin feel-elastomeric feel</li> </ul>	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		90,000	-	30	2cS Dimethicone fluid