

## 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		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 compatibility. Addition levels vary depending on desired gloss.	Clear to Slightly Hazy, Colourless Fluid	400	1.505	>300
SeraSense SF PTM	Phenyl Trimethicone	<ul style="list-style-type: none"> <li>High gloss</li> <li>Improves spread</li> <li>Unique soft feel (even compared with other silicones)</li> </ul>	Effective shine enhancing agent. Improves spread and slip in hair and skin care formulations. Good organic compatibility. Non-tacky feel, ideal for use in sun care products. Recommended usage level 0.5-5	Clear to Slightly Hazy, Colourless Fluid	25	1.460	>101
SeraSense SF DPTM	Diphenylsiloxy Phenyl Trimethicone		Effective shine enhancing agent. Improves spread and slip in hair and skin care and make-up formulations. Good organic compatibility. 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"> <li>None-tacky emollient</li> <li>Superb skin lubricity</li> <li>Excellent spread quality</li> <li>Extremely low surface tension</li> </ul>	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"> <li>Improved combability</li> <li>Colour protection</li> <li>Cuticle protection</li> </ul>	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	Amodimethicone			Clear - Slightly Hazy Fluid	5,500		0.04

