



Dow Corning Personal Care Product Index

Product Category	Family Features	Family Benefits	Typical Application	Dow Corning Product	Description	INCI/CTFA Name	
Dimethicone Fluids	<ul style="list-style-type: none"> • Low surface tension • Non-polar • Non-reactive • Broad viscosity range 	<ul style="list-style-type: none"> • Water barrier • Spreading • Lubrication • De-soaping • Detackification • Conditioning • Skin-feel modifier (soft and smooth) • Actives Carrier 	Skin Care creams, lotions, suncare, cosmetics <i>Typical use levels:</i> 1 - 5%	200® Fluid (0.65cs, 1.0 cs, 10cs, 20cs)	<ul style="list-style-type: none"> • Volatile, used as a carrier • Organic compatibility • Good wetting, spreading 	Dimethicone	
			AP/DEO aerosols, gels, sticks, creams <i>Typical use levels:</i> 0.5 - 10%	200® Fluid (50cs, 100cs, 200cs, 350cs, 1,000cs, 60,000cs)			<ul style="list-style-type: none"> • Excellent slip, lubrication, detackification • More substantive, dry, less oily, good conditioning (smooth)
Cyclomethicone Fluid	<ul style="list-style-type: none"> • Low viscosity • Volatile fluid • Colorless, essentially odorless • Non cooling • Nonreactive under normal use • No residue 	<ul style="list-style-type: none"> • Spreading • Detackification • Lubrication • Emolliency • Actives carrier • Transient conditioning • Less oily 	Skin Care creams, lotions, suncare, color cosmetics <i>Typical use levels:</i> 1 - 10%	Dow Corning® 244 Fluid	<ul style="list-style-type: none"> • Faster drying • 96% or greater pentamer (D5) 	Cyclomethicone OR Cyclopentasiloxane	
			AP/DEO roll-ons, aerosols, pumps, gels, sticks <i>Typical use levels:</i> 10 - 70%	Dow Corning® 245 Fluid			<ul style="list-style-type: none"> • Faster drying • 96% or greater pentamer (D5)
			Hair Care Oils, Creams <i>Typical use levels:</i> 3 - 10%	Dow Corning® 344 Fluid			<ul style="list-style-type: none"> • Faster drying • 96% or greater pentamer (D5)
Dimethicone Silicone Gum Blends	<ul style="list-style-type: none"> • Nonpolar • High mol. wt. (sim. to high mol. wt. dimethicones) • Hydroxy-terminated 	<ul style="list-style-type: none"> • Substantive • Lubrication • Soft, dry feel • Water repellency • Feel modification • Gloss 	Skin Care creams, lotions, gels, anhydrous systems <i>Typical use levels:</i> 0.5 - 5%	Dow Corning® 1501 Fluid	<ul style="list-style-type: none"> • Si gum diluted in D5 • Slower drying 	Cyclopentasiloxane (and) Dimethiconol	
			AP/DEO gels, pumps, aerosols <i>Typical use levels:</i> 0.5 - 2%	Dow Corning® 1401 Fluid			<ul style="list-style-type: none"> • Ultra-high mol. wt. gum blended in cyclomethicone • Softer, smooth, dry feel • Substantive, good gloss
Silicone Fluid Customized Blends	<ul style="list-style-type: none"> • Colorless • Silky hair serum liquid • Ready to use product • Can be diluted with low viscosity silicone fluids 	<ul style="list-style-type: none"> • Conditions hair • Imparts soft, smooth and silky feel • Excellent Spreadability • Easy rubout • Detackification • Non-greasy and non-oily • Enhanced shine and gloss 	Skin Care creams, lotions, suncare <i>Typical use levels:</i> 1 - 5%	Dow Corning® CB 3031 Fluid	<ul style="list-style-type: none"> • Si gum and elastomers diluted in low viscosity D5 • Slower drying 	Cyclopentasiloxane, Dimethiconol, Dimethicone Crosspolymer and Phenyltrimethicone Blend	
			Hair Care Creams, Cuticle coat <i>Typical use levels:</i> 3 - 100%	Dow Corning® CB 3021 Fluid			<ul style="list-style-type: none"> • Si gum and elastomers diluted in low viscosity D5 • Faster drying

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Phenyl Fluid	<ul style="list-style-type: none"> Organically modified siloxane High refractive index Low viscosity 	<ul style="list-style-type: none"> Improved organic compatibility Shine / Gloss Spreadability Slippery Reduces tackiness Good Anti-stick and Anti-tack properties 	<p>Skin Care creams, lotions, suncare <i>Typical use levels:</i> 1 - 5%</p> <p>Hair Care Oils <i>Typical use levels:</i> 1 - 3%</p>	<i>Dow Corning®</i> 556 Cosmetic Grade Fluid	<ul style="list-style-type: none"> Low viscosity, phenyl-functional siloxane fluid 	<i>Phenyltrimethicone</i>
Amino Phenyl Fluid	<ul style="list-style-type: none"> Suitable for water based and anhydrous formulations Stable in alkaline formulations 	<ul style="list-style-type: none"> Long lasting shine to hairs delivered in water based & anhydrous systems Straightening enhancement when used in Hair relaxers Color protection Heat protection Substantive to skin 	<p>Skin Care creams, lotions, lipsticks <i>Typical use levels:</i> 1 - 3%</p> <p>Hair Care Leave-in & styling sprays, cuticle coat, relaxers, pomades, shampoos & Oils <i>Typical use levels:</i> 0.5 - 2%</p>	<i>Dow Corning®</i> 2078 Fluid	<ul style="list-style-type: none"> Liquid amino phenyl silicone resin 	<i>Aminopropyl Phenyl Trimethicone</i>
Carbinol Fluid	<ul style="list-style-type: none"> Processing aid for particulate containing formulations Wide range of compatibility with polar and non-polar solvents Clear colorless carbinol fluid 	<ul style="list-style-type: none"> Enhances SPF in suncare formulations Non-irritating Moisturization Unique Feel Imparts hydrophilicity and wetting Compatibilizer Stable in acid /base condition 	<p>Skin Care creams, lotions, suncare, color cosmetics <i>Typical use levels:</i> 1 - 25%</p> <p>AP/DEO Sticks, roll-ons <i>Typical use levels:</i> 5%</p>	<i>Dow Corning®</i> 5562 Carbinol Fluid	<ul style="list-style-type: none"> Low viscosity, moderately polar carbinol functional silicone fluid Superior particulate suspension SPF enhancement Clear, colorless 	<i>Bis-hydroxyethoxypropyl Dimethicone</i>
Trimethyl-siloxysilicates	<ul style="list-style-type: none"> 3-dimensional resin structure High mol. wt. 	<ul style="list-style-type: none"> Improved substantivity Less oily Smooth skin feel Water repellency Increased durability 	<p>Skin Care creams, lotions, suncare, cosmetics <i>Typical use levels:</i> 1 - 5%</p>	<i>Dow Corning®</i> 593 Fluid <i>Dow Corning®</i> 749 Fluid	<ul style="list-style-type: none"> Lower silanol-functional Si resin blended in dimethicone Silanol-functional Si resin blended in cyclomethicone 	<i>Dimethicone (and) Trimethylsiloxysilicate</i> <i>Cyclomethicone (and) Trimethylsiloxysilicate</i>
Alkylmethyl Siloxanes (stearoxy trimethyl Silane)	<ul style="list-style-type: none"> Stearyl-modified linear Dimethicone Wax at room temperature 	<ul style="list-style-type: none"> Improved organic compatibility Lubricity Provides water repellent non-occlusive film 	<p>Skin Care creams, lotions, suncare, cosmetics, lipcare <i>Typical use levels:</i> 1.0 - 2%</p>	<i>Dow Corning®</i> 580 Wax	<ul style="list-style-type: none"> Stearyl-modified (C18) low mol. wt. silane Low melt point wax (melts on skin contact) 	<i>Stearoxytrimethyl-silane (and) Stearyl Alcohol</i>
Alkylmethyl Siloxanes (stearyl Dimethicone)	<ul style="list-style-type: none"> Stearyl-modified linear dimethicone Low melt point wax Wax at room temperature 	<ul style="list-style-type: none"> Improved organic compatibility Moisturization Substantive Melts on contact with skin 	<p>Skin Care creams, lotions, suncare, cosmetics, lipcare <i>Typical use levels:</i> 0.5 - 2%</p>	<i>Dow Corning®</i> 2503 Cosmetic Wax	<ul style="list-style-type: none"> Stearyl-modified dimethyl silicone Low melt point wax (melt at approx. skin temperature) 	<i>Stearyl Dimethicone</i>

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Amino Functional Silicones	<ul style="list-style-type: none"> • Amino functional siloxane polymer • Can be formulated for clear and opaque products • Dilutable in water 	<ul style="list-style-type: none"> • Superior conditioning • Improved color longevity • Superior wet and dry detangling • Heat protection • Extra body / volume • Wave enhancement • Color lock from R/O conditioners • Curl retention • Easy to formulate 	Skin Care shower gels, cleansers <i>Typical use levels: 0.5 - 3%</i> Hair Care Shampoo, conditioners, mousses and masks <i>Typical use levels: 0.5 - 5%</i>	Dow Corning® 8168 Micro-emulsion	<ul style="list-style-type: none"> • 20% Non-ionic emulsion • Clear systems • Cold process 	<i>Trimethylsilyl Amodimethicone (and) Laureth-7 (and) Laureth-5</i>
				Dow Corning® 5-7113 Silicone Quat Micro-emulsion	<ul style="list-style-type: none"> • 25% Non-ionic emulsion of cationized amino functional silicone polymer • Provides easy formulation and dilution stability 	<i>Silicone Quaternium-16 (and) Undeceth-11 (and) butyloctanol (and) Undeceth-5</i>
				Dow Corning® 8500 Conditioning agent	<ul style="list-style-type: none"> • 100% active Si amino glycol copolymer • Substantive conditioning with low yellowing & ease of formulation 	<i>Bis (C13-15 Alkoxy) PG Amodimethicone</i>
				Dow Corning® CE 8401 Emulsion	<ul style="list-style-type: none"> • 21.5% active Amino silicone polyether emulsion • Superior wet & dry sensory feel • Curl retention • Excellent conditioning performance at low dosages 	<i>Bis-Isobutyl PEG/PPG-20/35/Amodimethicone Copolymer (and) Cetyl Ethylhexanoate (and) Polysorbate 80 (and) Butylene Glycol</i>
				Dow Corning® AP 8087 Fluid	<ul style="list-style-type: none"> • 100% Active amino functional siloxane polymer • Excellent conditioning performance • Free of emulsifiers & preservatives 	<i>Bis-Hydroxy/Methoxy Amodimethicone</i>
				Dow Corning® 5-7070 Amino Elastomer Emulsion	<ul style="list-style-type: none"> • 27% Si Active Amino Elastomer non-ionic Micro-Emulsion • Styling benefits • Enhanced conditioning performance • Water based • Easy to formulate 	<i>Silicone Quaternium-16/Glycidoxy Dimethicone Crosspolymer and Trideceth-12</i>
Dow Corning® 939 Cationic emulsion	<ul style="list-style-type: none"> • 35% Si active cationic emulsion of an amine functional silicone polymer • Contains non-tallow derived quaternary – amine surfactant & a bio-degradable non-ionic surfactant 	<i>Amodimethicone and Trideceth-12 and cetrimonium chloride</i>				

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Silicone Emulsions	<ul style="list-style-type: none"> • Emulsions of high silicone active and high mol wt polymers • Doesn't impact on foam properties • Ideal for opaque product • Easy to formulate / cold processing 	<ul style="list-style-type: none"> • Rich silky feel • Superior Conditioning • Film barrier properties • Wash of resistance • Improves wet and dry combing • Superior foam profile • Superior skin feel 	Skin Care Soap bars, liquid soaps, shower gels, cleansers <i>Typical use levels: 1.0 - 5%</i> Hair Care shampoos, conditioners, Hair masks, <i>Typical use levels: 2.0 - 6%</i>	Dow Corning® 1784 Emulsion	<ul style="list-style-type: none"> • 50% Si anionic emulsion of high mol. wt. dimethiconol • Greater than 1MM cs polymer viscosity 	<i>Dimethiconol (and) TEA-Dodecylbenzene-Sulfonate</i>
				Dow Corning® 1785 Emulsion	<ul style="list-style-type: none"> • 60% Si anionic emulsion of high mol. wt. dimethiconol 	<i>Dimethiconol (and) TEA-Dodecylbenzene-sulfonate</i>
				Dow Corning® 5-7137 Emulsion	<ul style="list-style-type: none"> • 65% emulsion of ultra high mol wt PDMS fluid • Provides exceptional smoothness to the hair 	<i>Dimethicone and Cocamidopropyl Betaine and Laureth-3 and Guar Hydroxypropyltrimonium Chloride</i>
				Dow Corning® 2-1491 Emulsion	<ul style="list-style-type: none"> • 60% active large particle size non-ionic emulsion of a blend of ultra-high mol wt PDMS fluid and intermediate mol wt PDMS fluid 	<i>Dimethicone (and) Laureth-23 (and) Laureth-3</i>
				Dow Corning® CE 1619 Emulsion	<ul style="list-style-type: none"> • 60% active emulsion of high mol wt PDMS fluid & amodimethicone fluid • Superior wet & dry combing 	<i>Dimethicone and Amodimethicone and Laureth-23 and Laureth-4</i>
				Dow Corning® HMW 2220 non-ionic Emulsions	<ul style="list-style-type: none"> • 60% non-ionic emulsion of high mol. wt. Dimethicone / divinyl-dimethicone • Greater than 120MM cs polymer viscosity 	<i>Divinyldimethicone / Dimethicone Copolymer (and) C12-C13 Pareth-23 (and) C12-C13 Pareth-3</i>
Silicone Polyethers	<ul style="list-style-type: none"> • Polyether-modified siloxane backbone • Var. ratios of silicone to polyether • Low to high mol. wts. • Low to high water solubilities 	<ul style="list-style-type: none"> • Smooth, non-oily • Resin plasticizer • Wetting agent • Humectant • Detackification 	Skin Care creams, lotions, gels, cosmetics, cleansers <i>Typical use levels: 0.5 - 10%</i> AP/DEO gels <i>Typical use levels: 1 - 10%</i> Hair Care shampoos, conditioners <i>Typical use levels: 0.5 - 6%</i>	Dow Corning® 193C Fluid	<ul style="list-style-type: none"> • Low mol. wt. polyether-modified siloxane • Improves foam volume, stability • Wetting agent, more water soluble 	<i>PEG-12 Dimethicone</i>
				Dow Corning® 5330 Fluid	<ul style="list-style-type: none"> • Polysiloxane polyether copolymer • Preservative free • Clear systems • Ultra shine • Conditioning • Cold processing 	<i>PEG/PPG-15/15 Dimethicone</i>
				Dow Corning® 2501 Wax	<ul style="list-style-type: none"> • Water soluble Si wax • Good humectant, pro-foamer 	<i>BIS-PEG-18 Methyl Ether Dimethyl Silane</i>

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Silicone Emulsifiers	<ul style="list-style-type: none"> Ease of use Formulation flexibility Excellent delivery systems Good emulsion stability 	<ul style="list-style-type: none"> Superior aesthetics Broad compatibility Detackification Low whitening 	Skin Care creams, lotions, cosmetics, cleansers <i>Typical use levels: 0.5 - 10%</i>	<i>Dow Corning®</i> 5225 C Formulation Aid	<ul style="list-style-type: none"> Low mol. wt. surfactant in cyclomethicone (D5) Water-in-silicone emulsifier Rich feel 	Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone
			AP/DEO gels <i>Typical use levels: 1 - 10%</i> 5 - 6%	<i>Dow Corning®</i> 5200 Formulation Aid	<ul style="list-style-type: none"> polyether-modified siloxane Water-in-oil emulsifier 	<i>Lauryl-(C12) and Lauryl PEG/PPG-18/18 Methicone</i>
Silicone Emulsifier and thickening agent	<ul style="list-style-type: none"> Multifunctional product: thickening & emulsifying Ready to use for controlling the Rheology of aqueous formulations Silicone carrier provides instant perception of improved aesthetics 	<ul style="list-style-type: none"> Ease of formulation / cold processing Gives smooth, non greasy and non sticky formulations Effective pH range 5.5 - 11 Can emulsify and stabilize all oil phases (upto 50%) Can be used with high solvent content 	Skin Care creams, lotions, <i>Typical use levels: 3-6%</i>	<i>Dow Corning®</i> RM 2051 Thickening Agent	<ul style="list-style-type: none"> An inverse (w/o) emulsion of sodium poly - acrylate in dimethicone 	<i>Sodium polyacrylate (and) Dimethicone (and) Cyclopentasiloxane (and) Trideceth-6 (and) PEG/PPG-18/18 Dimethicone</i>
Silicone HIP Emulsions	<ul style="list-style-type: none"> Emulsions of high mol. wt. polymer Emulsions of high internal phases 	<ul style="list-style-type: none"> Rich silky feel Conditioning Film-barrier properties Wash-off resistance Small particle sizes Low surfactant concentrations 	Skin Care creams, gels, cleansers <i>Typical use levels: 2 -5 %</i>	<i>Dow Corning®</i> 7-3100 Gum Blend HIP Emulsion	<ul style="list-style-type: none"> 84% active 0.9-1.2 microns 	<i>Cyclopentasiloxane (and) Dimethiconol (and) Laureth-4 (and) Laureth-23</i>
				<i>Dow Corning®</i> 7-3101 Elastomer Blend HIP Emulsion	<ul style="list-style-type: none"> 85% active 12-16 microns 	<i>Cyclopentasiloxane (and) Dimethicone Crosspolymer (and) Dimethicone (and) Laureth-23 (and) Laureth-4</i>
				<i>Dow Corning®</i> 7-3111 Volatile Fluid HIP Emulsion	<ul style="list-style-type: none"> 75% active 0.3-0.5 microns 	<i>Petrolatum / Dimethicone Blend (and) Ceteth-10 (and) Steareth-21 (and) Poloxamer 335</i>
Silicone HIP Emulsions – Natural Butters	<ul style="list-style-type: none"> Emulsions of Shea, Kokum and Mango butter and dimethicone Emulsions of high internal phases Combined benefits of natural lipids & silicone 	<ul style="list-style-type: none"> Refined using green processes (no bleaches or other chemicals used) Protected against oxidation using unique stabilization technique Provides moisturizing benefits Easy processing 	Skin Care creams, lotions, moisturizers, wipes, suncare <i>Typical use levels: 2 -5 %</i>	<i>Dow Corning®</i> 7-3121 Shea Blend HIP Emulsion	<ul style="list-style-type: none"> 72% active 	<i>Butyrospermum Parkii (Shea Butter) and Dimethicone (and) Ceteth-20 (and) Steareth-21</i>
			Hair Care conditioners, pomades and creams <i>Typical use levels: 2.0 - 5%</i>	<i>Dow Corning®</i> 7-3122 Kokum Blend HIP Emulsion	<ul style="list-style-type: none"> 72% active 	<i>Garcinia Indica Seed Butter (and) Dimethicone (and) Ceteth-20 (and) Steareth-21</i>
				<i>Dow Corning®</i> 7-3123 Mango Blend HIP Emulsion	<ul style="list-style-type: none"> 72% active 	<i>Mangifera Indica Seed Butter (and) Dimethicone (and) Ceteth-20 (and) Steareth-21</i>

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Silicone Elastomers	<ul style="list-style-type: none"> • Crosslinked (or networked) polydimethyl-siloxanes • Ease of formulating • Increase formulation viscosity 	<ul style="list-style-type: none"> • Unique feel • Dry, smooth, silky feel • Enhances the aesthetics of cyclics • Provide "cushion" and "bounce" to formulations • Reduces tackiness • Quick absorption • Excellent thickeners for silicone-and-oil-based formulations • Excellent stability 	Skin Care creams, lotions, gels, suncare, cosmetics <i>Typical use levels: 0.5 - 10%</i>	Dow Corning® 9040 Silicone Elastomer Blend	<ul style="list-style-type: none"> • Mixture of high mol. wt. silicone elastomers in D5 • Slight sebum absorption 	<i>Cyclomethicone (and) Dimethicone Crosspolymer</i>
			AP/DEO Roll-ons, gels, sticks, creams <i>Typical use levels: 5 - 15%</i>	Dow Corning® 9045 Silicone Elastomer Blend	<ul style="list-style-type: none"> • Mixture of high mol. wt. silicone elastomer in D5 • Smoother appearance than 9040 	<i>Cyclopentasiloxane (and) Dimethicone Crosspolymer</i>
				Dow Corning® 9509 Silicone Elastomer Suspension	<ul style="list-style-type: none"> • Non-ionic suspension of a spherical silicone elastomer powder in water • Easy of formulating in water-based products • Silicone powder with silica treated coating 	<i>Dimethicone / Vinyl Dimethicone Crosspolymer (and) C12-14 Pareth-12</i>
				Dow Corning® 9701 Cosmetic Powder	<ul style="list-style-type: none"> • Provides wrinkle masking benefits • Superior skin feel and fluid/oil/sebum absorption 	<i>Dimethicone/ Vinyl Dimethicone Crosspolymer (and) Silica</i>



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