



**Inorganic Sunscreen**  
**Formulation: FS404 A&B**

<b><u>Phase</u></b>	<b><u>Ingredient</u></b>	<b><u>%w/w</u></b>	
		<b><u>A</u></b>	<b><u>B</u></b>
<b>Part A</b>	<b>Silube J208-812 (Lauryl PEG-8 Dimethicone) (Siltech)</b>	5.00	5.00
	<b>Siltech F-1000 (Dimethicone) (Siltech)</b>	2.00	3.00
	Dow Corning 749 Fluid (Cyclomethicone & Trimethylsiloxy Silicate)	27.00	25.00
	Cyclomethicone Pentamer	10.00	16.00
	Isostearyl Neopentanoate		3.00
	Eusolex T-2000 Microfine Titanium Dioxide	10.00	
	Z-Coat Zinc Oxide		7.00
<b>Part B</b>	Water	45.00	39.75
	NaCl	1.00	1.00
<b>Part C</b>	Grapefruit Fragrance AFF 127663		0.25
		100.0	<u>100.00</u>
	Viscosity LVF #3 at 30 RPM	Cream	5,500

**Procedure:**

1. Mix Part A ingredients until solids are dispersed.
2. Mix Part B until NaCl is dissolved.
3. Add Part B to Part A using high speed propeller mixer.
4. Add Part C.

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