

SiBRID[®]

Fluorocarbon Silicone

**Modified
Silicones**

SiBRID[®] FCS 331 is a highly lubricious gel consisting of submicron particles of a tetrafluoroethylene/hexafluoropropylene copolymer dispersed in a fluorinated dimethyl fluid. The gel has the unusual property of exhibiting increasing slip as higher amounts of shear force are applied, as when vigorously rubbing product on the skin.

The fluorinated dimethyl fluid that is the base for SiBRID[®] FCS 331 is insoluble in other polydimethylsiloxane fluids and common organic oils but can be dispersed in cyclic siloxanes for incorporation into emulsions and anhydrous systems. **Skin care products** containing SiBRID[®] FCS 331 deposit a persistent soft, pleasant feeling film on the skin that is resistant to wash off.

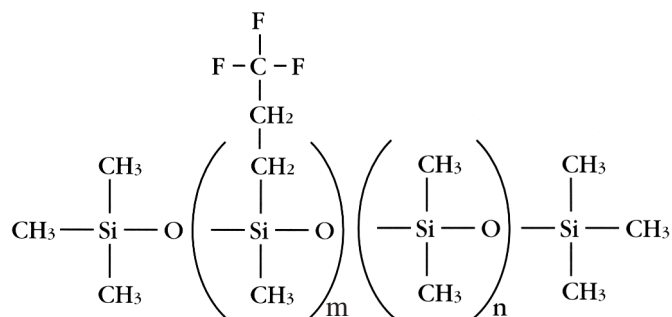
Incorporated into color cosmetics, SiBRID[®] FCS 331 not only imparts excellent slip and spreading characteristics, but also improves wear by resisting wetting by sebum. SiBRID[®] FCS 331 can be used alone or in combination with oily binders in **pressed powders** to formulate creaseproof eyeshadows and **powder foundations** that are resistant to oil breakthrough. In **liquid foundations**, SiBRID[®] FCS 331 aids spreading and blending, improves residual feel, and extends wear.



***Enabling Your Technology
through the development
and manufacture of custom
silicones and silanes.***

Product Code	Viscosity cSt.	Specific Gravity	Refractive Index
Fluoropropyl Dimethicone (and) PFEP*	8000	1.41	1.387
SiBRID[®] FCS 331			

*INCI name applied for



Pressed Powder 1-711

SiBRID[®] FCS 331 provides exceptional slip, smooth skin feel, and improved wear.

Ingredient (Supplier)	INCI Name	%
Phase A		
S'Duan Talc (Color Techniques)	Talc	56.10
Zinc Stearate		3.00
D-9051 (Color Techniques)	Mica, Methicone	20.00
A-8112 (Color Techniques)	Titanium Dioxide	8.00
A-1301 (Color Techniques)	(Yellow) Iron Oxides	2.00
A-1226 (Color Techniques)	(Red) Iron Oxides	1.25
A-1404 (Color Techniques)	(Black) Iron Oxides	0.35
Methylparaben		0.20
Propylparaben		0.10
Phase B		
Cromollient DP3A (Croda)	di-PPG-3 Myristyl Ether Adipate	4.00
SiBRID [®] FCS 331 (Gelest)		<u>5.00</u>
		100.00

Manufacturing Instructions:

Combine Phase A. Pass once through a hammer mill, 0.027" screen. Add ingredients of Phase B in order while mixing. Pass once through a hammer mill, 0.027" screen. Press into pans.