



Enabling Your Technology

SiBrid® DE-15

Technical Data Sheet

Product Name:	SiBrid® DIETHICONE – DE-15
Product Code:	DE-15
INCI Name:	Polydiethylsiloxane
CAS #:	63148-61-8
EINECS #	N/A (polymer)

DE-15 is a light emollient with a soft, cushion-like skin feel, imparting excellent slip and spreading properties in skin care and color cosmetics. In water in silicone foundations and pressed powders, DE-15 serves as an excellent vehicle for wetting pigments. DE-15 exhibits far greater compatibility with common cosmetic ingredients than do the Dimethicone fluids.

TYPICAL PROPERTIES:

Test

Appearance:

Odor:

Refractive Index:

Viscosity:

Parameter

Clear to pale amber liquid

Slight, characteristic

1.442 @ 25°C

40-50 cPs @ 25°C

Note: The values above are typical, not intended for use in preparing specifications. Please contact the Gelest PCS sales representative when writing specifications.

Solubility

Dimethicone/10cSt	S
Cyclopentasiloxane	S
Ethylhexyl Palmitate	S
Hydrogenated Polydecene	S
Octyldodecanol	S
Candelilla	S
Triisostearyl Citrate	S
Octyldodecyl Stearate	S
Castor Oil	I
10% Ozokerite	S
10% Microcrystalline Wax	S

Moisturizing Lipstick GCA1-11-1

Ingredient	%
Castor Oil	12.70
Octyldodecanol	10.00
Triisostearyl Citrate	20.00
DE-15 Polydiethylsiloxane	10.00
AM 114 Myristyl Methicone	10.00
Carnauba	1.50
Candelilla	7.00
Microcrystalline Wax 170/180	3.50
Ozokerite 170/180	2.00
Preservatives, antioxidants	0.30
Color Grind	
Castor Oil	7.50
Pigment	7.50
Mica & Titanium Dioxide	8.00

Storage:

SiBrid® DE-15 should be stored between 5-30°C in the original container closed tightly.