

# Technical Data Sheet

**Product Name:** TM 081  
**Product Code:** TM 081  
**INCI Name:** Caprylyl Methicone  
**CAS #:** 17955-88-3 / 68440-90-4  
**EINECS #** 241-881-3  
**Date Issued** 01/15/08  
**Revision Number:** 1; jch

## **Description:**

TM 081 combines a light dry feel and the excellent slip of silicone with excellent organic compatibility. Due to good pigment wetting properties, TM 081 is recommended for use in long wearing foundations, lipsticks, and eye shadows.

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## **Typical Properties**

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

<b>Test</b>	<b>Parameter</b>
Appearance	Clear to straw colored liquid
Odor	Slight, characteristic
Refractive Index	1.455 @ 25°C
Viscosity	3 cPs @ 25°C

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## **Solubility**

<b>Solubility</b>		<b>Lipstick with TM 081: GCA1-19-1</b>	
		TM 081 provides slip for glide on application	
		<u>Ingredient</u>	<u>%</u>
Dimethicone/10cSt	S	Castor Oil	5.10
Cyclopentasiloxane	S	Triisostearyl Citrate	30.00
Ethylhexyl Palmitate	S	Octyldodecyl Stearate	15.00
Hydrogenated Polydecene	S	Caprylyl Trimethicone	5.00
Octyldodecanol	S	Methylparaben	0.20
Triisostearyl Citrate	S	Propylparaben	0.10
Octyldodecyl Stearate	S to 50%	Carnauba	1.50
Castor Oil	D	Candelilla	7.00
		Microcrystalline Wax	3.50
		Ozokerite	2.00
		<u>Color Grind</u>	
		Castor Oil	15.00
		Pigment	7.60
		Sericite	<u>8.00</u>
			100.00

