



**Gelest Surface Treated Ultramarine Pigments** create clean, bright shades to soft pastels in eye makeup and powders. Our expanded Ultramarine Pigment line (blue, violet, pink) is available with the following hydrophobic surface treatments:

**SR (Trimethylsiloxysilicate)**  
**SS (Stearyl Triethoxysilane)**  
**TC (Triethoxycaprylsilane)**

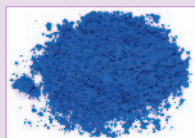
## Formulation Guidelines

- Use up to 0.10% for color correction
- More cost effective than organic pigments
- Ultramarine Pink is the only UV and heat stable “red” pigment permitted for use around eyes
- Ultramarines have low hiding power; use opacifiers to optimize
- Over-processing may decrease color saturation of products

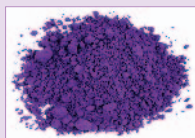
## Surface Treatment Benefits

- Provides long wear
- Lowers oil absorption
- Improves skin adhesion
- Enhances water repellency
- Facilitates dispersion processing

## Available Pigments



**Ultramarine  
Blue**



**Ultramarine  
Violet**

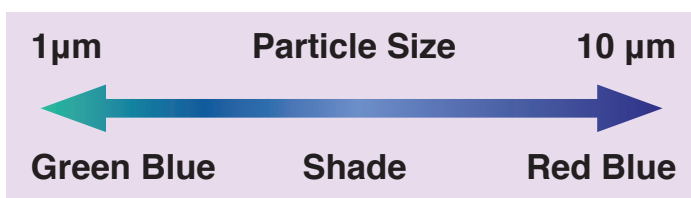


**Ultramarine  
Pink**

## Recommended Uses

- Cheek and eye pencils
- Colored mascaras
- Face powders
- Eyeliners
- Eyeshadows
- Color correction
- Vegan formulations
- Dye & lake-free formulations

Typical Properties	
Pigment type	Sodium Alumino Sulfosilicate
Particle shape	Spheroidal
Hiding power	Low
Particle size	1.5 -1.8 $\mu\text{m}$ D <sub>50</sub>
Solubility	Insoluble in water and organic solvents
UV resistance	Excellent
Acid resistance	Poor; fades and liberates H <sub>2</sub> S
Alkali resistance	Excellent (untreated) Good (treated)
Heat resistance	Excellent; up to 220 °C



Sakura Pink Eyeshadow	
Ingredient (Supplier)	Wt%
<b>Sericite SS (SAA-SSA)</b>	<b>50.00</b>
<b>Talc SS (TA7-SSA)</b>	<b>Q.S.</b>
Nylon 12 (&) Sodium Hyaluronate (Lipo)	4.00
Boron Nitride (Saint Gobain)	Q.S.
Zinc Stearate	10.00
<b>Titanium Dioxide SS (WIA-SSA)</b>	<b>10.00</b>
<b>Ultramarine Pink SS (PIA-SSA)</b>	<b>5.00</b>
<b>Ultramarine Violet SS (VIB-SSA)</b>	<b>0.10</b>
<b>Ultramarine Blue SS (LIA-SSA)</b>	<b>0.10</b>
<b>Manganese Violet SS (VIA-SSA)</b>	<b>0.10</b>
<b>Black Iron Oxides SS (BIA-SSA)</b>	<b>0.01</b>
<b>Red Iron Oxides SS (RIA-SSA)</b>	<b>0.05</b>
<b>Yellow Iron Oxides SS (YIA-SSA)</b>	<b>0.05</b>
Syncrystal Silk Silver (Eckart)	10.00
Preservative	Q.S.
<b>Polydiethylsiloxane SiBrid® DE-15</b>	<b>3.75</b>
Diiisostearyl Malate (Lubrizol)	1.90
Isostearyl Neopentanoate (Lubrizol)	1.90
<b>Total</b>	<b>100.00</b>

Regulatory Information					
	Gelest Code:	INCI	Colour Index No.	CAS No.	EINECS
<b>TC Surface Treatment</b>	LIA-TCA PIA-TCA VIB-TCA	Ultramarines (&) Triethoxycaprylylsilane	77077 Pigment Blue 29	57455-37-5 (& 2943-75-1	309-928-3 (& 220-941-2
<b>SS Surface Treatment</b>	LIA-SSA PIA-SSA VIB-SSA	Ultramarines (&) Stearyl Triethoxysilane	77077 Pigment Violet 15	57455-37-5 (& 7399-00-0	309-928-3 (& 230-995-9
<b>SR Surface Treatment</b>	LIA-SRA PIA-SRA VIB-SRA	Ultramarines (&) Trimethylsiloxysilicate	77077 Pigment Violet 15	57455-37-5 (& 56275-01-5	309-928-3 (&) N/A (polymer)
<b>Global Status:</b> US*, EU, China *In US, external use only; not permitted on lips					