

# Siliconyl Carnauba Milk

## Wax Dispersion Wax#558B



Superior  
Quality Waxes  
for the  
Ink Industries  
of the World.

#### Uses:

Water Based Systems

#### Regulatory Information:

CHEMICAL NAME: Water, Carnauba Wax, Stearoyl  
Dimethicone, Dimethicone, Phospholipid, Caprylyl  
Glycol, Phenoxyethanol, Hexylene Glycol

CAS#: 7732-18-5, 8015-86-9, 68554-53-0, 141-62-8,  
8002-43-5, 122-99-6, 1117-86-8, 107-41-5

EINECS#: 231-791-2, 232-399-4, Polymer, Polymer,  
232-307-2, 240-589-7, 214-254-7, 203-489-0

TSCA LISTED

DSL LISTED

Siliconyl Carnauba Milk is a stable <500nm dispersion with unique formulating advantages. This dispersion couples the properties of Carnauba Wax with Silicones to produce a multifunctional performance additive designed for cold formulating. Siliconyl Carnauba Milk allows a formulator to utilize the desirable properties of Carnauba Wax and Silicone Wax without having to apply heat to the formulation. This creates a way to improve slip, surface adhesion, mar resistance, film forming and barrier properties with no more energy than measuring, pouring and mixing.

#### **Chemical Properties:**

Percent Solids: 28.0 - 35.0

pH: 3.5 - 7.0

Specific Gravity: 0.970 - 1.1

Particle Size: <500 nm

Appearance: Opaque Liquid

Color: Off White to Tan

Microbiology: <100 organisms/g

#### **Dispersability:**

(Typically Not Affected By Surfactants and Ionic Strength)  
Water, Alcohols, Glycols

#### **Usage Levels:**

1-10%