



DOWSIL™ 2511 Cosmetic Wax

INCI Name: Bis-PEG-18 Methyl Ether Dimethyl Silane

Water soluble, skin temperature melting wax for increased moisturization and humectancy

Features & Benefits

- Water dispersible
- Melts on contact with skin
- Humectant
- Cold processing
- Reduces tackiness
- Foam Boosting

Applications

- Skin care
- Sun care
- Hair conditioners
- Body washes
- Hair treatments

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Color (APHA), as Liquid		250 max
Melt Range	°C	36–42
Flash Point	°C	> 100
Appearance		White to light Yellow Solid
Tocopherol Level	%	< 0.1
Cyclopentasiloxane	%	< 0.1
Cyclotetrasiloxane	%	< 0.1

Description

DOWSIL™ 2511 Cosmetic Wax is a water dispersible silicone glycol copolymer wax with a low melting point.

How to Use

It is helpful to add DOWSIL™ 2511 Cosmetic Wax into the water phase where it will disperse with proper mixing either cold or with heat.

How to Use (Cont.)

Table 1: Compatibility with common personal care materials

Material	Weight percent of DOWSIL™ 2511 Cosmetic Wax		
	90%	50%	10%
Water	C	C	C
Glycerin	NC	NC	C
Alcohol	C	C	C
Propylene Glycol	NC	C	C
Isododecane	NC	NC	NC
D5	NC	NC	NC
1.5 cst	NC	NC	NC

C = Compatible
H = Hazy
NC = Not Compatible / Separation

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

Usable Life and Storage

When stored at or below 25°C in the original unopened containers, this product has a usable life of 12 months from the date of production.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

dow.com

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

