



Technical Data Sheet

DOWSIL™ 2511 Cosmetic Wax

Description

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

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

Sustainability Attribute:



Uses / Applications

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

Benefits

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

Physical 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

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.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

dow.com

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