

BELSIL® CM 7026 VP

C26 – 28 ALKYL METHICONE

Product description

BELSIL® CM 7026 VP is a high melting, white to cream coloured, silicone wax that is resistant to hydrolysis and has a very high affinity to all kinds of substrates.

Application

The main applications of this silicone wax is in skin protection, skin care, sunscreens and decorative cosmetics.

In skin care products, it improves the formulation efficiency and provides a soft, non-sticky skin feel. The BELSIL® CM 7026 VP forms an occlusive film, which reduces trans-epidermal water loss (TEWL).

It's high substantivity, improved water resistance and moisturizing properties make this alkyl-functional silicone wax an indispensable component of sunscreen products and decorative cosmetics, such as lipsticks,

mascara and make-up.

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

Product data

Typical general characteristics	Inspection Method	Value
Appearance		solid wax
Color		white to cream colored
Melting point / Melting range		approx. 70 °C
INCI name		C26 – 28 Alkyl Methicone

These figures are only intended as a guide and should not be used in preparing specifications.

Additional information

Solubility

Ingredient	BELSIL® CM 7026 VP	Ingredient	BELSIL® CM 7026 VP
Mineral oils		Sunscreens	
Mineral oil (high-visc.)	✓	Octyl salicylate	✓
Mineral oil (low-visc.)	✓	3-(4-Methylbenzyliden)-camphor	-
Microcrystalline wax	✓	Ethylhexyl methoxycinnamate	-
Ozokerite wax	✓		
		Alcohols & water	
Ester oils / waxes		Octyl dodecanol	p
Joboba oil	✓	Oleyl alcohol	✓
C12-15 alkyl benzoate	✓	Glycerol	-
Tridecyl neopentanoate	-	Propylene glycol	-
Isocetyl isostearate	✓	Water	-
Myristyl lactate	-		
Isopropyl myristate	✓	Silicone oil / waxes	
Isopropyl palmitate	✓	Disiloxane (BELSIL® DM 0.65)	-
Decyl oleate	✓	Dimethicone (BELSIL® DM 1 Plus)	-
Oleyl oleate	✓	Dimethicone (BELSIL® DM 100)	-
Candelilla wax	p	PEG/PPG-25/25 Dimethicone (BELSIL® DMC 6031)	-
Beeswax	✓	Stearyl Dimethicone (BELSIL® SDM 5055)	-
		Trimethylsiloxyphenyl Dimethicone (BELSIL® PDM 20)	-
Triglycerides			
Avocado oil	✓		
Wheatgerm oil	p		
Castor oil	-		
Caprylic/Capric triglyceride	✓		

✓ = soluble (> 10%)

p = partially soluble (1 - 10%)

- = insoluble

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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For technical, quality, or product safety questions, please contact:

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