

Wacker-Belsil® MM 8030 VP

C30 – 45 Alkyl Methicone

Characteristics

Wacker-Belsil® MM 8030 VP is a high melting, white to cream coloured, waxy polymethylsiloxane 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 Wacker-Belsil® MM 8030 VP forms an occlusive film, which reduces trans-epidermal water loss (TEWL). Its 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

Wacker-Belsil® MM 8030 VP has a shelf life of at least 12 months when stored in roomtemperature in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label.

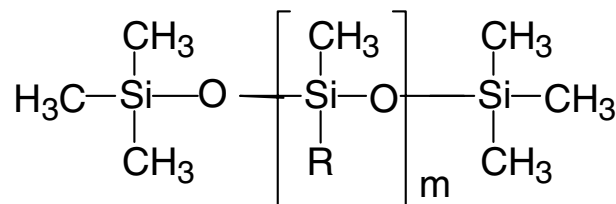
Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Product data

Properties	Unit	Wacker-Belsil® MM 8030 VP
Appearance		solid wax
Colour		white to cream coloured
Melting Point	[°C]	80 +/- 5
INCI name		C30 – 45 Alkyl Methicone

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

Chemical structure



R = Alkyl rest

Safety information

Detailed safety information is contained in each material safety data sheet, which can be obtained from our sales offices.

Additional information

Compatibility

Ingredient	Wacker-Belsil® MM 8030 VP	Ingredient	Wacker-Belsil® MM 8030 VP
Mineral Oil/Waxes		Sunscreens	
Mineral Oil (high visc.)	✓	Ethylhexyl Salicylate	✓
Mineral Oil (low visc.)	✓	3-(4-Methylbenzyliden)-camphor	Δ
Microcrystalline Wax	✓	Ethylhexyl Methoxycinnamate	Δ
Ozokerite Wax	P		
Ester Oil/Waxes		Alcohols & Water	
Joboba Oil	✓	Octyl Dodecanol	✓
C12-15 Alkyl Benzoate	✓	Oleyl Alcohol	✓
Tridecyl Neopentanonoate	✓	Glycerol	Δ
Isocetyl Isostearate	✓	Propylene Glycol	Δ
Myristyl Lactate	✓	Water	Δ
Isopropyl Myristate	✓		
Isopropyl Palmitate	✓	Silicone Oil/Waxes	
Decyl Oleate	✓	Disiloxane (Wacker-Belsil® DM 0.65)	Δ
Oleyl Oleate	✓	Dimethicone (Wacker-Belsil® DM 1 plus)	Δ
Candelilla wax	P	Dimethicone (Wacker-Belsil® DM 100)	Δ
Beeswax	✓	PEG/PPG-25/25 Dimethicone (Wacker-Belsil® DMC 6031)	Δ
		Stearyl Dimethicone (Wacker-Belsil® SDM 5055)	Δ
		Stearyl Methicone (Wacker-Belsil® SM 6018)	✓
		Trimethylsiloxyphenyl Dimethicone (Wacker-Belsil® PDM 20)	Δ
Triglycerides			
Avocado Oil	✓		
Wheatgerm Oil	Δ		
Castor Oil	Δ		
Caprylic/Capric Triglyceride	✓		
✓ = soluble (> 10%)		P = partially soluble (1 – 10%)	
		Δ = insoluble	

Silicone lab samples (SLM) are in the development stage. Due to the nature of the product, neither a binding agreement for continued future delivery nor a guarantee of product reproducibility can be given at present.

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:

Wacker-Chemie GmbH
WACKER-SILICONES
Hanns-Seidel-Platz 4
D-81737 Munich, Germany

Silicone-Info Service
Germany:
Tel.: 0-800-6279-800
International:
Phone: +800-6279-8000

www.wacker.com
info.usa@wacker.com