

Connecting**Chemistry**

**HIGH QUALITY
COSMETIC
WAXES**



CosVivet

OUR WAX PORTFOLIO

- CosVivet Beeswax, bleached and yellow
- CosVivet Berry Wax
- CosVivet Candelilla Wax
- CosVivet Carnauba Wax
- CosVivet MC Wax
- CosVivet Sunflower Seed Wax
- CosVivet Synthetic Beeswax VEGAN

HIGH QUALITY COSMETICS WAXES

COSVIVET WAX	Function					Characteristics			Skin Care					Hair Care			Decorative Cosmetics				
	Thickening/Gelling	Oil binding	Compatibility with oils	Crack reduction	Filmforming	Appearance	Congealing point in °C	Drop point in °C	Improves skin feel	Stabilizes emulsions	Ideal for sun care	Lubricating/slipperiness	Skin softening/smoothing	Conditioning	Adherence	Gloss/shine	Pigment dispersion	Bleeding	Gloss	Hardness	Tackiness
Beeswax	+	+	+	+	+	Pastilles	61-65	61-65	+	+	+	o		++	+	o	+	+	-	o	+
Berry Wax	o	o	++	++	o	Pellets	/	48-54	++	+	++	o	++	o	o	+	o	+	+	o	+
Candelilla Wax	++	++	+	o	o	Flakes	65-73	/	+	+	+	--	--	--	+	+	+	o	++	++	o
Carnauba Wax	o	o	-	o	o	Flakes	78-84	81-86	-	o	-	--	--	--	-	+	o	o	++	+	-
MC Wax	+	++	o	+	o	Pellets	68-72	74-78	o	o	o	o	+	o	o	o	o	o	+	o	+
Sunflower Seed Wax	++	++	++	+	o	Pellets	/	74-80	+	o	o	+	o	o	o	-	o	++	+	++	o
Synthetic Beeswax VEGAN	+	o	+	o	o	Pellets	61-65	61-65	+	+	o	o	+	+	o	+	o	o	o	+	o

++ recommended + suggested o possible - not suggested -- not recommended

CosVivet Beeswax, bleached and yellow (INCI: cera alba) has a pleasant, honey-like odour. Our high-quality beeswax fulfills the purity requirements of the European Pharmacopoeia. It can be used in sticks, creams, lotions, sun care products, make up and hair care. In stick formulations it improves the structure, firmness and oil retention as well as the firmness and adhesion properties of the product. It also facilitates mould release. In emulsions it acts as a viscosifying and stabilizing agent, softens and smoothes the skin. Its occlusive properties are advantageous in barrier creams and color cosmetics.

CosVivet Berry Wax (INCI: rhus verniciflua peel cera/ rhus succedanea fruit cera) is a soft and low melting wax, suitable for emulsified and anhydrous systems. The wax itself feels silky and soft. Used in O/W or W/O emulsions, Berry Wax has a positive influence on the emulsion's stability and leads to a super creamy and velvety skin feel. It improves the texture and the sensory characteristics significantly even at a low use level. Due to the low melting point Berry Wax enhances the pay-off in hard systems, such as pencils, lipsticks and body butter bars and improves the break resistance.

CosVivet Candelilla Wax (INCI: candelilla cera) is a hard vegetable wax obtained from the Euphorbia Cerifera shrub indigenous to Mexico. The wax has a pleasant sweet odour and has an extremely good oil binding capacity. It is mainly used in stick formulations and W/O formulations. In sticks it provides firmness and provides excellent surface gloss. It also facilitates mould release. Candelilla wax can be used in combination with other waxes to increase their melting point, improve the skin feel of the final formulation and the long-lasting effect of decorative cosmetics.

CosVivet Carnauba Wax (INCI: copernicia cerifera cera) is obtained from the Copernicia Cerifera palm tree indigenous to Brazil. Due to its hardness and its high melting point, this wax is mainly used in cosmetic stick formulations. However, it can also be used in sun care, make up, mascara and other decorative cosmetic applications. Carnauba wax has a pleasant odour. Because of its high melting point, it can improve the temperature stability of formulations. Also, it provides hardness and surface gloss to products and improves mould release.

CosVivet MC Wax (INCI: cera microcristallina) is a soft-plastic microcrystalline wax generally used to stabilize stick formulations, to improve the oil retention capacity of formulations and to improve the texture, viscosity and skin feel of lotions and creams.

CosVivet Sunflower Seed Wax (INCI: helianthus annuus (sunflower) seed cera, ascorbyl palmitate, tocopherol) is a hard-crystalline wax with an outstanding oil binding capacity. In stick preparations, the wax contributes to the product hardness, improves mold release and has a great impact on the heat resistance. Also, it is an excellent gelling agent and gives stick preparations stability and a long-lasting shine as well as a nice texture. In emulsions Sunflower Wax leads to very dry and velvet skin feel but is difficult to stabilize. We recommend sunflower seed wax in water-free systems.

CosVivet Synthetic Beeswax VEGAN (INCI: synthetic beeswax) consists of a combination of esters and waxes of natural origin. This vegan wax provides excellent emulsifying properties and has a stabilizing, oil-binding effect in emulsions. A further advantage of this wax is that it does not cause discolorations of emulsions commonly observed when using pure natural waxes. Due to its hardness and relatively high melting point it is perfectly suited for consistency control and stabilization in decorative cosmetics such as sticks, mascara, etc. Also, it is very well suited for formulations which are free of water.

