



Koster Keunen Holland bv

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Product Data Sheet

Sumac Wax (Japan Wax)

Sumac Wax is a natural fruit wax occurring on the surface of the berries of the Sumac tree growing in Japan, China and India. The wax layer protects the fruit against the environment and excessive water evaporation.

Sumac Wax consists of tri- and diglycerides, predominantly of palmitic acid with some oleic acid, free fatty acids and small amounts of glycerides of long chain dicarboxylic acids.

Sumac Wax is a moderately soft, low melting vegetable wax with a fine crystal structure. Sumac Wax has good gelling and binding properties and contributes to cohesion, adhesion and lubrication. Compatibility with pigments is good.

Sumac Wax (and the related Japan Wax) is used especially in stick type formulations like crayons and lipsticks, where it improves pay-off, cohesiveness, texture and mould release. Sumac Wax is easily emulsified and produces emulsions with excellent skin-feel.

Applications sticks, emulsions, mascara, hair care products

Specifications

Congealing point:	36 - 39 °C
Melting point:	47 – 51 °C
Acid value:	10 - 35 mg KOH/g
Saponification value:	190 - 220 mg KOH/g
Form:	slabs, pastilles

<u>INCI/CTFA Name:</u>	Rhus Succedanea Fruit Wax EU : Rhus Succedanea Cera
CAS-No.:	103798-70-5
EINECS-No.:	310-125-5