

■ General

Safflower oil is a natural, drying oil obtained from the seeds of safflower (*carthamus tinctorius*). Among the drying oils, safflower oil is a rather slower drying but particularly non-yellowing oil. It is therefore used in low-yellowing paints and lacquers. In the food industry, safflower oil is used, for example, in dietary margarine.

■ Uses

Recommended as an adhesion improving additive to Kreidezeit Casein Marble Paint or Vega Wallpaint for the overcoating of dispersion paints.

For low-yellowing treatments of wood surfaces indoors. Not suitable for floors.

■ Composition (Full declaration)

100 % safflower oil, without any further additives

■ Application:

As additive to casein paints

Mix Casein Marble Paint or Vega Wallpaint with water according to the instructions on the package, leave to soak for at least 30 minutes and stir again thoroughly. Now stir in the safflower oil in a thin stream, leave to stand for another 15 minutes and stir again thoroughly. Dilute with water until easy to apply. Recommended additional quantity: max. 30 ml safflower oil, per 1 kg casein paint (powder).

As treatment for wood surfaces:

The substrate must be untreated, dust-free, clean, dry, non-greasy, chemically neutral and **absorbent**. Add a maximum of 1% Siccative (article no. 435) to the Safflower Oil to shorten the drying time, e.g. 1 litre Safflower Oil + max. 10 ml Siccative. Stir the Siccative thoroughly into the oil and leave to rest for 24 hours before processing. Apply the undiluted Safflower Oil thinly and evenly with a brush or lint-free cloth.

After 20-30 minutes, **thoroughly wipe** the entire treated area with a dry, lint-free cloth until the surface has a uniform satin appearance. **Ensure that all unabsorbed oil has been completely removed**, as otherwise shiny or sticky patches may remain.

Kreidezeit Safflower Oil must fully penetrate into the wood. It must not form a layer on the wood.

For the treatment of larger areas it is recommended to dilute the siccativated safflower oil up to 1: 1 with Balsamic Turpentine (article no. 447).

■ Drying Times

Wood surface treatment (at 1% siccativation): approx. 48 hours at 20°C. High humidity, cold, tannic substrates prolong the drying time considerably.

Final hardness is achieved after approx. 4 weeks. Use gently and protect from water during this time.

Wall paints: dry and can be painted over after 24 hours at 20°C. Final hardness is achieved after approx. 4 weeks.

■ Application Rates

Depending on the absorption of the substrate, approx. 0.05 to 0.08 litres per m² per coat. Exact consumption rate to be determined at site.

■ Container Sizes

Article no. 370 1 l

For prices, please refer to the valid price list.

■ Storage

Stored hermetically closed and in a cool, dry, frost-free place, safflower oil can be kept for several years.

■ Cleaning The Tools

Clean immediately after use with Balsamic Turpentine (article no. 447) and then with Olive Care Soap (article no. 424), Marseille Soap (article no. 223) or Corfu Soap (article no. 226).

■ Disposing Leftover Product

Do not dispose of the product remains in wastewater, but keep hermetically sealed for later use. Dried product remains can be disposed of with household waste. Empty containers can be recycled.

■ Hazard Classification

none, non-dangerous product

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/f): 700 g/l (2010),

Product contains max. 1 g/l VOC.

■ Warning

Not recommended for use on inside surfaces of cupboards; these are best treated with Shellac Varnish (article no. 154), Carnauba Wax Emulsion -Concentrate- (article no. 415) or Corfu Soap (article no. 226). Ensure that work materials that have been soaked with the product, such as cloths and sponges, sanding dust or polishing pads with undried oil, are securely stored sealed in metal containers or in water. Avoid any contact of the oil with porous insulation; otherwise, there is a risk of self-ignition due to the vegetable oil content. The product itself is not self-igniting. Do not pour the product onto surfaces. A typical odour is emitted when natural oils dry; this disappears with time. Please check for allergies to natural substances. **Keep out of reach of children!**

The information above was determined based on our most recent experiences. Due to processing methods and environmental influences, as well as the varying nature of the substrates, liability for the general validity of the individual recommendations is excluded. Users must test the product prior to application to ensure it is fit for the designated purpose (sample coating).

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