

# FarbaFragrance

## UV-based scented varnish

### Characterization

UV-based scented varnish. Not suitable for food packaging.

### Application

#### Stir thoroughly before use!

Micro-capsules may have settled to the bottom of the can, therefore gently mix the contents of the whole container.

Do not return residual material from the printing unit into the container but dispose appropriately.

#### Use low-odor qualities of substrates.

To control varnish adhesion, if necessary, use a suitable primer.

### Type of application

#### Substrate

Low odor, glossy coated paper, cardboard, film.

#### Product Properties

Viscosity 400 - 600 mPas.

**Flexo printing:** flexo- or coating unit (with/without chambered doctor blade).

In- and offline application.

Anilox: scooping volume 13 – 15 cm<sup>3</sup>/m<sup>2</sup>; Screen 70; cell depth 50 µm.

#### Drying

UV curing: per lamp 120-200 W/cm, Web speed: approx. 50-100 m/min

Curing of the varnish depends on the lamp wattage and the production speed.

### Processing

#### Stir thoroughly before use!

Check machine for cleanliness. Avoid any cross contamination!

Cross contamination can lead to migration of substances to the food stuff.

Please close the varnish container after withdrawal. Avoid exposure to light.

UV varnishes must not be contaminated → separate pumping system! Do not return residual material from the printing unit into the container but dispose of appropriately. After machine stand still, please clean the printing unit before continue printing. Please take a sheet at the beginning, middle and end of printing draw and label, as reference samples.

For fragrant print objects, the sheet should be approved by the customer before further processing. Should the fragrance release be insufficient, the varnish could be applied for a 2<sup>nd</sup> time.

### Dilution

The product can be diluted with isopropanol up to 5%.

### Fragrance release

Check the scent on the substrate in case of mattness and roughness of the scented area (capsules are noticeable by a light rubbing).

Intensive scent release during printing is an indicate of too much destroyed microcapsules. After the curing the scent release is too weak because there are not enough capsules on the substrate.

Then rub with finger on the scent surface (manual fragrance release) and control the fragrance.

### Reference samples

For small orders, please draw sheets at the beginning, middle and end of printing as reference sample. For large orders draw reference samples from each pallet.

Before further processing, the fragrance print should be released by the customer.



## Cleaning

Clean all equipment with appropriate washes after use.

## Handling

Wear protective gloves (neoprene or nitrile material).

Avoid contact with skin. Remove contaminations immediately with water and soap. Wear protective goggles if there is a danger of splatters of ink or washing agents getting into your eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice! Use a skin care product. Change contaminated clothing immediately. Remove spilled amounts of varnish and washing agents immediately. Store used cleaning material in special containers.

## Storage instructions

Protect against freezing, heat, and solar radiation. Store at 5°C to 30°C in the original container under exclusion of light.

**Recommended maximum storage period: 3 months (not more than 20°C).**

## Disposal

Cleaning cloths and protective clothing moistened with the above-mentioned agents must be collected in appropriate and labelled containers to avoid contact. The moistened working materials must be disposed of separately (ASN 150202)! NOT to be disposed of with commercial waste!

UV varnishes must not be emptied into the ground water, drains or soil. » Substance hazardous to waters!

UV varnish residues and cleaning liquids must be disposed of as hazardous waste (ASN 080111).

## Precaution

For further information on the safety, storage and environmental aspects concerning these products please refer to Safety Data Sheet.

Addition Technical information can be obtained from our Product safety department.

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