

Technical Information

Frimpeks UV Curable Varnishes

102740 UV VARNISH RELEASE LUMINESCENT 32304

Product Information

102740 is a UV curable topcoat specially designed to work on Flexographic and Letterpress applications. Typically this coating has release effect for scratch-off coatings and has excellent curing capability.

Typical End Use

Good release properties for easy scratchability

Typical Properties

Detectable varnish for locating control, Solvent Free, can be further processed immediately

At a Glance

Gluable/Imprintable	Yes
Flexibility	Very Good
Suitable Hot Stamping	Yes
Suitable for In-Line	Yes
Can be Applied via Pump	Yes
Non-Food Contact Side of Food Packaging	No

Recommended Application

Thickness of the printed film should be adjusted according to :

- the scratchability properties desired and
- the absorbency of the substrate: higher coat weight needed on uncoated substrates; a primer may be necessary to help sealing the substrate

Excellent results on coated substrates

Corona or Topcoat suitably treated synthetic substrates (prior tests are recommended)

Processing

Stir properly for longer time under high shear, making sure that equipment is clean in order to avoid contamination from other materials.

Equipment and Drying

This coating is designed to be cured at 60mj/cm² with 1-120 Watt/cm² lamp. Greater press speed and curing capability may be achieved with additional UV lamps. Substrate may also have an effect on cure speed. Always test coating for compatibility with ink systems, substrates and for sufficient cure before general use.

Cleaning

Appliance and other equipment can be cleaned with alcohol or other UV cleaning products.

Shelf Life and Storage Conditions

UV Products must be stored tightly closed, away from sunlight. The optimal storage temperature is between 5°C and 35°C. UV Products are packaged leaving sufficient air space to prevent accidental polymerization of the product. NORMAL STORAGE DURATION: 1 year

Safety

UV Products are generally considered to be non-toxicological. However during handling and use the user should avoid inhalation of vapors as well as direct eye or skin contact. UV products can be an irritant to skin and eyes, wash immediately with soap and water if there is direct contact. Protective eyewear and latex gloves are recommended while using this product. Consult the SDS for additional handling and safety information.

Packaging

This product is available in:
5 KG pails

Transportation

Non-dangerous goods. Can be transported in freezing temperatures but product should be brought to room temperature prior to use.

Disclaimer:

The statements listed on this publication are according to our best knowledge. The statements do not exonerate the user from their own responsibility to determine that our products are suitable for their processes. They are intended to inform and advise and are subject to influence from the technical process.

This edition of April 22, 2023 replaces all previous editions. With the present edition all older editions are null and void.

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