

**200021316 - UV EDGEBANDING INK BLACK 21316****General Information**

UV curable Edgebanding ink that can be applied directly on PVC. Once the ink is cured with UV lamps, the color and/or the pattern shade will be set. It is recommended to use a UV Top Coat after the application with a roller system so that the surface tension will also be set

**Typical End Use**

PVC

**Typical Properties**

Low Odor, no need for viscosity stabilization, High Adhesion, Solvent Free, can be further processed immediately.

**SPECIFICATIONS**

<b>Viscosity / 22 °C 6 mm ( Standard )</b>	40 - 50 sec	<b>Appearance after curing</b>	Mix Color
<b>Reactivity @ Kühnast UV-Integrator (Serial number: U10688)</b>	100-120 mj/cm <sup>2</sup>	<b>Liquid Appearance</b>	Mix Color
<b>Solid Content</b>	97 - 100 %	<b>Grammage:</b>	1 – 8 g/m <sup>2</sup>
<b>VOC</b>	max. 3%	<b>Odor:</b>	Typical

**Recommended Application**

The low viscosity ink is designed to be applied with a roller coater system.

**Processing**

Make sure that the Rollers are UV Compatible prior to using this product. Stir well before using.

**Machine and Drying**

This ink is designed to be cured at 100-120 mJ with an UV Integrator of Kühnast (Serial number: U 10688). If another supplier is used, the value has to be scaled against our Kühnast UV Integrator. Substrate may also have an effect on cure speed. Always test the product for compatibility, substrates and for sufficient cure before general use.

**Cleaning**

Machine 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, avoiding temperatures higher than 50°C. UV Products are packaged leaving sufficient air space to prevent accidental polymerization of the product.

NORMAL STORAGE DURATION: 1 year

**Viscosity**

Viscosity must be checked at 22°C in all seasons

**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.

No heavy metal, pesticides and formaldehyde content.

**Packaging**

**This product is available in:**

20 Kg pails  
200 Kg Iron Drums  
1000 Kg IBC Container

**Transportation**

Not 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 June 7, 2022 replaces all previous editions. With the present edition all older editions are null and void.

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