

# TECHNICAL DATASHEET

Page: 1 / 2

**Description** : **UV PRINTING INK BLACK**

**Product Number** : **641-915-0070**

**Description** : UV printing ink BLACK for colour matching in printing ink 641- to be applied in heavy duty printing machines on TEKNOS TREFFERT COATINGS UV basecoat or primer. This product shows good performance in light fastness properties and free from any hazardous heavy metal.

## Characteristics

*Viscosity* : 30 - 50 sec. in DIN 4mm at 25°C.  
*Density* :  $1.2 \pm 0.1$  kg/l  
*Solid Content* : >94%  
*VOC* : Max 6%  
*Pigments* : Does not contain any lead, cadmium or chromate.  
*Classification* : Complies with the Environmental Protection Act of 1990.

## Application

*Preparation* : Stir well and check before use.  
*Hardener* : Not required  
*Thinner* : Not required  
*Viscosity* : As delivered  
*Film Weight* : Apply < 4 g/m<sup>2</sup>.  
*Mode* : Apply in roller machine with a shore hardness of offset rollers of 40-50 (Isobutylene / Isoprene-Copolymer or EPDM-Prepolymer).  
*Curing* : Surface cure: 190 - 210 mJ/cm<sup>2</sup>  
Full cure: 350 - 450 mJ/cm<sup>2</sup>

**Substrate** : This product is specially formulated as ink concentrate for colour matching in printing ink 641 on TEKNOS TREFFERT COATINGS UV basecoat or primer.  
Please consult our technical staff prior to others applications.

# TECHNICAL DATASHEET

Page: 2 / 2

**Description** : **UV PRINTING INK BLACK**

**Product Number** : **641-915-0070**

## **Storage**

*Shelf Life* : 6 months

*Conditions* : Protect from sunlight and frost. Keep container tightly closed and in a well ventilated place. Keep away from sources of ignition, heat and oxidizing substances.

To be stored at 5 - 35 °C.

## **Delivery**

*Packaging* : Available in 20 kg pails.

*Delivery Time* : Please allow 6 working days of production and transportation.

*Quantity* : Minimum quantity is 20 kg.

**Cleaning** : Use solvent such as butyl acetate for cleaning.

**Precautions** : Refer to Safety Data Sheet.

**Health & Safety** : Refer to Safety Data Sheet.