

# **Technical Data Sheet (TDS)**

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For FUZE MS33 (PRMS33)

## **Product Description:**

The FUZE MS3, FUZE MS33 and FUZE MS5 series inks are mild solvent inks designed for outdoor and indoor application. They are compatible with all standard substrates available on the market. FUZE MS3, FUZE MS33 and FUZE MS5 ink series are compatible to Mimaki JV3, Mimaki JV33 and Mimaki JV5 respectively and other printers with Epson DX-4, DX-5 and DX-6 print heads. FUZE MS3 inks are Mix & Match with Mimaki SS-2 inks, FUZE MS33 inks are Mix & Match with SS-21 inks and FUZE MS5 inks are Mix & Match with HS-1 inks.

## **Benefits and Primary Features:**

Low odor, extremely fast drying time, high scratch resistance, perfect jetability, excellent substrate fixation, excellent light fastness resistance when exposed to outdoor conditions, Mix & Match™ concept ensures chemical compatibility and colors matching to OEM ink

### **Product line:**

FUZE MS 3 1L bottle:			FUZE MS 3 cartridge for Mimaki JV3:		
Cyan Magenta Yellow Black Light Cyan Light Magenta Vivid Magenta Cleaning Liquid	1L Bottle	12600 12601 12602 12603 12604 12605 13960 12682	Cyan Magenta Yellow Black Light Cyan Light Magenta Cleaning Liquid	440 Cartridge 440 Cartridge 440 Cartridge 440 Cartridge 440 Cartridge 440 Cartridge	12606 12607 12608 12609 12610 12611 12720
FUZE MS 33 1L bottle: Cyan Magenta Yellow Black Light Cyan Light Magenta Vivid Magenta Cleaning Liquid	1L Bottle	12612 12613 12614 12615 12616 12617 13858 12683	FUZE MS 33 cartridge Cyan Magenta Yellow Black Light Cyan Light Magenta Cleaning Liquid	for Mimaki JV33 440 Cartridge	12618 12619 12620 12621 12621 12622 12623 12720
FUZE MS 33 1L BBIS in Cyan Magenta Yellow Black Light Cyan Light Magenta Cleaning Liquid	nk bag: 1L BBIS 1L BBIS 1L BBIS 1L BBIS 1L BBIS 1L BBIS 1L BBIS	12941 12942 12943 12944 12945 12946 12947	FUZE MS 33 2L MBIS Cyan Magenta Yellow Black Light Cyan Light Magenta Cleaning Liquid	ink bag: 2L ink bag	12910 12911 12912 12913 12914 12915 12916

FUZE MS5 1L bottle:			FUZE MS5	MS5 cartridge for Mimaki JV5:			
Cyan	1L Bottle	12588	Cyan	440 Cartridge	12592		
Magenta	1L Bottle	12589	Magenta	440 Cartridge	12593		
Yellow	1L Bottle	12590	Yellow	440 Cartridge	12594		
Black	1L Bottle	12591	Black	440 Cartridge	12595		

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FUZE MS5 1L BBIS ink bag:			FUZE MS5 2L MBIS ink bag:		
Cyan	11 BBIS	12982	Cvan	2l ink	

Cyan	1L BBIS	12982	Cyan	2L ink bag	12917
Magenta	1L BBIS	12983	Magenta	2L ink bag	12918
Yellow	1L BBIS	12984	Yellow	2L ink bag	12919
Black	1L BBIS	12985	Black	2L ink bag	12920
Cleaning Liquid	1L BBIS	12986	Cleaning Liquid	2L ink bag	12933

FUZE MS3 washing liquid for Mimaki printers – 220cc cartridges- 12902

## **Printing Conditions:**

Printing temperature should be 25°C +/- 5°C and relative humidity should be 50% +/- 15% (non-condensing).

#### Installation:

MS3 series can be installed directly on Mimaki SS-2, SS21 and HS-1 inks. If the inks are installed onto a different ink than the Mimaki inks mentioned above, a flushing procedure must be taken with MS3 Cleaning Liquid.

#### **Outdoor Durability:**

MS3 ink series outdoor durability is up to 24 months without lamination according to ISO 11341.

#### Shelf Life:

Ink in bags / cartridges:

Cyan, Yellow, Black colors and Cleaning Liquid cleaning solution have a shelf life of 18 months from the date of manufacturing.

Magenta color has a shelf life of 12 months from the date of manufacturing.

### Ink in bottles:

All colors and Cleaning Liquid cleaning solution have a shelf life of 12 months from the date of manufacturing.

## **Storage Conditions:**

Store tightly covered at temperature between 10°C to 30°C and relative humidity should be 25% to 70%.

## **Shipping and Handling:**

All personal handling these products must wear gloves and eye protection. After use, wash hands with soap and water. Should ink come into contact with clothes, remove clothing to avoid prolonged skin exposure. Should ink come in contact with skin, wipe off with a clean, dry absorbent cloth and wash area with soap and water. For additional safety data, please refer to MSDS.

#### Mix & Match

\*Bordeaux proprietary Mix & Match™ concept enables on-the-fly conversion of the original ink to Bordeaux without the need to Cleaning Liquid, replace parts and to perform new color profiles in most configurations.

The "Mix™ only" technology enables conversion of specified OEM inks to Bordeaux without the need to Cleaning Liquid or replace parts.

#### **Bordeaux warranty program**

\*\* The user must refer to Bordeaux warranty program and liability http://www.c-m-y-k.com/

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