

HSV 7500

Code VX7500

DESCRIPTION

One or two-component solvent-based ink with glossy finishing.

APPLICATION FIELDS

HSV is mainly used for printing of advertising, POP, display, stickers and graphic works in general. This product is extremely versatile and multipurpose.

GENERAL FEATURES

- Good printability
- Quick drying
- Good adhesion
- Good chemical resistances (alcohol and petrol)
- Good mechanical resistances

APPLICATION PROCESS

SCREEN PRINTING	
Substrates	PAPER, PVC, PC, PMMA, PS, PET-G, PRE-TREATED PP AND PE, ALUMINIUM, GLASS.
Th/Cm	From 77 to 120 Th/cm
Emulsion	See the product range table
Squeegee	Square edge Squeegee hardness 70-75 Shores
Drying	5 – 15 minutes at room temperature, completely dried after 24 hours. Air-dryer oven a few seconds
Thinners	Thinner 71 (VXTH71L1); Retarder 4 (VXTH4L1 e VXTH4L5); Retarder 8 (VXTH8L1 e VXTH8L5)
Adhesion promoters	Hardener N. 2 (VXHR2N0.1); Hardener N.5 (VXHR5L0.1, VXHR5L0.5); Hardener N.8 (VXHR8L0.1); Hardener N. 9 (VXHR9L0.1)
Cleaning	Solvent LQ 90.920 Cleaner 920 (NCL920L5, NCL920L25 e NCL920L180)
Storage	The products, kept in their sealed original packages away from heat sources and at a temperature between 15 and 30 °C, have a shelflife of two years.
Packaging	See the product range table
Safety data sheet	Available upon request

PAD PRINTING	
Cliché	From 26 to 40 micron
Pad	5-15 shore
Drying	Dust free in a few seconds. Completely dried after 24 hours at room temperature. A few seconds with hot air.
Thinners	Fast Pad Thinner VVD-2 (Thinner 2) (VXTH2L1) Thinner 71 (VXTH71L1) Retarder 4 (VXTH4L1 e VXTH4L5) Retarder 8 (VXTH8L1 e VXTH8L5)
Hardeners	Hardener N. 2 (VXHR2N0.1); Hardener N.5 (VXHR5L0.1 , VXHR5L0.5); Hardener N.8 (VXHR8L0.1); Hardener N. 9 (VXHR9L0.1)
Cleaning	Cleaner 920 (NCL920L5, NCL920L25 e NCL920L180) Eco Cleaner (VXECFCLEANL1) – no risks labelling

PREPARATION

Before using, the ink must be well mixed and, in case, diluted according to the printing requirements.

TECHNICAL FEATURES

Hardeners must be always added before dilution or addition, and the pot-life of the hardened product is about 48 hours. In order to increase adhesion onto difficult plastic substrates, that are hard to be printed, it is recommended to add Hardener N. 2 up to 10% . For printing onto glass, it is necessary to add 20% Hardener N.5 or 6% Hardener N. 9 and dry the ink at 150°C for 20 minutes. In order to increase adhesion onto metals, it is recommended to add 10% Hardener N.8 and dry the ink at 140°C for 20 minutes.

INFO CHEMICALS RESISTANCE

HSV + HARDENER 5	
RES. ALCOHOL	5
RES. ACETONE	2/3
RES. 100 OCTANES PETROL	5
HSV + HARDENER 8	
RES. ALCOHOL	5
RES. ACETONE	3
RES. 100 OCTANES PETROL	5
HSV + HARDENER 9	
RES. ALCOHOL	5
RES. ACETONE	3/4
RES. 100 OCTANES PETROL	5

Range Valutation: 0 - Poor 5 - Excellent

Test carried on: Glass – Steel – Painted alluminium. The test are the results obtained in our laboratories.

WARNING

This technical data sheet does not replace either the Safety Data Sheet or the specific Conformity Declaration. These documents may be required to our SHEQ (Product safety office), at the following e-mail address: safety@eptainks.com

The technical data sheet does not relieve the printer, who remains the only responsible of the respect of the regulations, the specifications and the related required certifications of the finished items.

PRODUCT RANGE

CODE	PRODUCT	PACK
VX7501EOL1	HSV 7501 EO WHITE	1 L
VX7501LL1	HSV 7501 WHITE L	1 L
VX7502EOL1	HSV 7502 EO BLACK	1 L

BLACKS AND WHITES

TRANSPARENT COLOURS

CODE	PRODUCT	PACK
VX7500AL1	HSV 7500 Lemon Yellow A	1 L
VX7500CL1	HSV 7500 Orange C	1 L
VX7500DL1	HSV 7500 Red D	1 L
VX7500FL1	HSV 7500 Pink F	1 L
VX7500HL1	HSV 7500 Permanent Blue H	1 L
VX7500KL1	HSV 7500 Permanent Green K	1 L

OTHER PRODUCTS

CODE	PRODUCT	PACK
VX7547EOL1	HSV 7547 Silver EO	1 L
VX7549DILUL4	HSV 7549 CLEAR 150° PRE-DILUE RFU	4 L

SPECIAL RECOMMENDATIONS

- Always test the features of the product before proceed to production.
- The information presented are the result of past experiences and knowledge they do not represent warranty or insurance

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us of the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.