

Technical Data Sheet

Whiteboard Ink – WB900P



WB900P is a bright and colourful whiteboard ink especially designed for use over a wide variety of surfaces, is fast drying and typically demonstrates 72 hours cap-off. **WB900P** has outstanding long-term erasure properties typically delivering 12 months plus on most whiteboard and *glass board surfaces.

Ink	Pantone Reference [§]	Approximate Shade [§]	Viscosity (20°C) (mPa.s)	pH
WB900P Black A	N/A	●	9.0	8.0
WB900P Victoria Blue P	292C	●	8.0	7.5
WB900P Red C	1925C	●	6.5	7.5
WB900P Green D	340C	●	7.0	7.0
WB900P Rose Pink X	240C	●	10.0	8.0
WB900P Scarlet L	1787C	●	7.0	8.0
WB900P Orange E	3564C	●	7.0	7.5
WB900P Golden Orange EF	2013C	●	7.0	7.5
WB900P Yellow F	3945C	●	6.0	7.5
WB900P Lemon Grass Y	2286C	●	8.0	7.0
WB900P Lime Green YQ	2421C	●	8.0	8.0
WB900P Emerald J	2240C	●	8.0	8.0
WB900P Turquoise R	320C	●	8.5	7.5
WB900P Blue B	Process Blue C	●	7.0	8.0
WB900P Violet V	2104C	●	8.0	8.0
WB900P Purple T	2597C	●	6.0	8.0
WB900P Lavender H	2602C	●	8.5	7.0
WB900P Brown G	7516C	●	7.0	8.0

[§]Pantone references are approximate and vary depend on the ink lay down; [†] colours may not be accurately represented on some computer screens / from certain printers

Density = **0.83 g.cm⁻³**; Surface tension = **27 nNm.m⁻¹**; Multichem inks have a $\Delta E \leq 3$, Approximate VOC content **720g/L**

WB900P in Your Pens

The performance features of all whiteboard inks vary significantly depending on the components which the inks have been paired with.

Nibs: Polyester and acrylic, high porosity; Multichem recommends a porosity of around 65% for optimum flow performance. *Higher flow may be needed for glass-boards.

Reservoirs: polyester; Multichem recommends a reservoir density of 0.160 g.cm⁻³

Barrels: PP, PE, Aluminium

Caps / Plugs: PP. Refer to BS 7272-1:2008 for more details

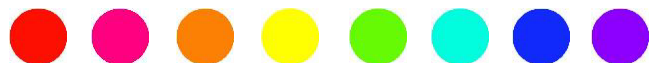
Once selected the component combination should be thoroughly tested.

For optimum performance markers should ideally be stored in a horizontal orientation and should be capped securely.

For further information about component selection, pen tests or pen storage please email lab@multichem.net

WB900P in the Environment

Multichem strives to play its part in the responsible sourcing of raw materials and manufacturing of inks to help protect the environment. As such **WB900P** has been developed using renewably sourced ethanol while the whole formulation contains **>60%** renewable materials.



WB900P in Your Factory

Multichem **WB900P** inks are guaranteed for 24 months from receipt when stored in the original sealed containers.

Store Multichem whiteboard inks between 10°C <T< 30°C to avoid ink adverse performance features.

Prior to usage drums should be stored for at least 24 hours at room temperature (circa 20°C) and then thoroughly agitated until the ink is of a uniform consistency prior to use.

Multichem inks which have passed their shelf life may still be fine to use. To find this out simply follow the guidelines above to obtain a uniform 100a sample of ink. Label the ink with the product name and

WB900P in the Market

Multichem has developed **WB900P** to comply with;

- EN 71-3:2013 + A1:2014
- EU / US / CA TRA
- EN71-9:2005+A1:2007
- ASTM D-4236 TRA

Final markers may also require separate approval in order to meet some of the above regulations.

Our inks do not contain any Substances of Very High Concern (SVHC), Benzene, Toluene or Xylene. None of our inks require labelling under Proposition 65 (assuming a maximum reservoir capacity of 12ml).

All ingredients of **WB900P** have been registered / pre-registered under REACH or are exempt from REACH registration.