WS Water Base General Surface Print Ink

【Main components】

- Resin：Water based acrylic resin
- Solvent：DI water/ alcohol
- Additive：Synthetic wax
- Pigment；Organic/ Inorganic Pigment

【Application range】

- Printing substrate：Surface tension ≥38 dyne PE, PP
- Package：Non laminating package, sanitary package
- Printing speed：30~150 m/min

【Product feature】

- Good stability, no separation, colour fade and gelation after use and prolonged storage
- Good compatibility with different dilution ratio
- Good solvent release, low odor, low residue solvent
- Balanced gloss, smoothness, anti blocking, scratch resistance, shallow web ink transfer performance

【Dilution Ratio】

Drying Speed / solvent	fast	medium	slow
Deionised water	30	50	100
Ethanol	70	50	-

Version：BV-QESR-YMTA-TDS-067-C/0
Release date：2022.03.03

【Storage & Safety】

- Store and use between 0-40 ºC
- Avoid contact with skin and eyes during operation, for more details please refer to “Ink health and safety instructions”

【Notices】

- Add solvent with stirring to avoid localized excess dilution which might cause pigment agglomeration
- Use ink dispenser to avoid ink from forming peel, to maintain consistent colour hue
- Add small amount of ink over a few times can enhance ink stability
- Check particle size of old ink before use, use 200T filter net to filter and blend 10-30% with new ink

【Precaution】

- Ink dilution depends on printing speed. Excess dilution will cause thin dried ink film which will decrease scratch and rub resistance. Decrease ink concentration with varnish
- Ink will set when temp. below -10 ºC, ink can be re melted with hot water or steam (around 20 ºC) to restore normal form. Avoid naked flame
- Not meant for lamination and heat seal
- Above data were obtained by our company, result might vary with different substrate and process, please confirm before use

【Disclaimer】

The data shown in this document is based on actual production and test result generated within our company. Above data is only for reference and does not bear any legal guarantee responsibilities. Whether actual ink performance can meet user’s requirement depends on application conditions and substrate etc. We suggest that users should access whether current production conditions meet the application requirement of each product before printing. Since we cannot control the actual application and storage conditions, we cannot guarantee the final product performance. All product sales subject to our standard sales terms and conditions.