FUJIFILM

Product Information

SERICOL

VVM21 Special Ski White

One/Two Pack Screen Ink

VVM21 Special Ski White screen ink was developed for printing on synthetic materials used in the manufacture of skis.

Available in 5kg units

Drying

Air dry: 15-30 minutes followed by racking overnight.
Convection oven, infra-red or heated wicket conveyor dryer: 80 - 100^{0}C for 2 minutes.

Thinning

For maximum opacity, print unthinned. If necessary, thin with up to 10% ZE805 Nylo Thinner. For extreme hot shop conditions, thin with up to 10% ZE806 Nylo Retarder.

Wash-up

Wash up with ZT639 Screen Wash Universal or Actisol Superjet Screen Spray

Mesh

Monofilament 43-100

Stencil Recommendation

Most solvent resistant direct stencil materials are suitable
Recommended: Dirasol 916

Properties

Excellent flexibility and adhesion. Good opacity. Lead free.

Before Use

Stir well before every use. Users should satisfy themselves of ink and material compatibility to ensure adhesion requirements are met, by testing fully before commencing a production run.

NB Catalyst

VVM21 can be used as a simple one-pack system but for more demanding requirements, NB386 NB Catalyst is available to improve adhesion and fastness properties and to decrease the possibility of adhesion deterioration over a period of time. Catalysed inks have a pot-life of approximately 8 hours. Estimate the amount of ink required for a day's work and thoroughly mix the ink base and catalyst in the following ratio:

VVM21	20 Parts by weight
NB Catalyst	1 Part by weight

Catalysed ink left over at the end of the print run should be discarded.

Adhesion

VVM21 has good adhesion and flexibility on many synthetic materials. For maximum adhesion to be obtained and maintained, it is recommended to catalyse the ink before use.

In some cases, incompatibility between ink and material may lead to reduced resistance in the printed area - especially if uncatalysed ink is used on very lightweight materials.

Additives

NB386 NB Catalyst - Available in 0.2ltr and 1ltr units.
ZE811 Hold Out Additive - Available in 0.2ltr units.

Solvents

ZE805 Nylo Thinner - Available in 5ltr units.
ZE806 Nylo Retarder - Available in 5ltr units.

Ancillary Products

When using additives during printing, materials have to be tested to ensure full adhesion is obtained.

Storage

Store in a cool, dry place in tightly sealed containers. VVM21 Special Ski White should not be stored in direct sunlight or near heat sources and should be kept away from peroxides. For optimum shelf life, products should be stored at moderate temperatures between 5°C and 30°C. Storage outside of these temperatures may lead to deterioration in the performance of the product.

When stored at optimum storage conditions VVM21 Special Ski White are expected to have a shelf life of approximately 12 months from the date of manufacture.

Safety and Handling

VVM21 Special Ski White:

- Is formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC (as amended).
- Is formulated to comply with EN71-3 2013, but is not routinely tested for compliance with the standard.

NB Catalyst:

- Contains isocyanate and should not be used by persons suffering from bronchitis or asthmatic symptoms.

Comprehensive information on the safety and handling of VVM21 and its associated products is given in the appropriate Safety Data Sheets.

Environmental Information

VVM21 Special Ski White:

- Does not contain ozone-depleting chemicals as described in the Montreal Convention.

Fujifilm Speciality Ink Systems Limited:

- Has certification to the International Environmental Standard, ISO 14001.
- Has certification to the Quality Management Standard, ISO 9001.
- Has certification to the Occupational Health and Safety Standard, ISO 45001.
- Is committed to minimising the risk to users of our products, and also to minimising the impact of our activities on the environment, from formulation through to production and supply.
- Research and development team, work to an in house Health, Safety and Environmental policy, termed ‘Design for Health, Safety and Environment’, with the aim of proactively developing products with the least impact on health, safety and the environment.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reducing waste through better use of raw materials, energy, water, re-use and recycling.

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of FUJIFILM Speciality Ink Systems Limited and its associated companies, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

FUJIFILM Speciality Ink Systems Limited
Pysons Road, Broadstairs
Kent CT10 2LE
United Kingdom
T: +44 (0)1843 866668
www.fujifilm.eu/fsis

FSIS 00060 14092020 EN

TSEKMERES
GRAPHIC SYSTEMS
ΤΣΕΚΜΕΡΕΣ Β. ΑΕ Έκθεση - Γραφεία - Αποθήκη
Λ. Αθηνών 352, Περιστέρι 121 36 Αθήνα
Τηλ. 210 57 82 400, Fax 210 57 80 010
info@tsekmeres.gr, www.tsekmeres.gr