



PRODUCT INFORMATION

ECOSOL E1 SUEDE

GENERAL INFORMATION

Ecosol E1 Suede is a new generic suede or leather effect hybrid of waterbase thermoplastic acrylic with silicones which meets our E1 compliance. Ecosol E1 Suede hybrid is a high solid waterbase ink. Ecosol E1 Suede is an excellent product for use of printing depth dark shade on light color fabrics where soft hand feel, leather and suede touch with excellent elastomeric can be obtain. Motive printed with Ecosol E1 Suede will have good high density build up and good washing fastness properties. Ecosol E1 Suede consists of Suede White and Suede Base. Printers are recommended to match colors using Cassee Pigments concentrated colors for optimum colors and performance.

TYPE OF FABRICS

Cotton, Blends Cotton Polyester and some stretchable syntactic fabric.

*** ALWAYS PRETEST FASTNESS PROPERTIES BEFORE PRODUCTION. ***

APPLICATION TIPS

Always use Ecosol E1 Suede Base in color matching. Commonly 5 to 8% of Cassee Pigments are used to achieve desire color. Ecosol E1 Suede White are added with Ecosol E1 Suede Base at ratio of 10% for opacity and pastel effect to 50% for whiteness.

The Ecosol E1 Suede ink System, are produce by re-emulsifying Polysiloxane crafted latex and by itself similar to others Ecosol E1 inks, Ecosol E1 Suede will air dry (especially under the variables of low humid and high temperature). Always use waterbase mode on your automatic printer as this will flood the open screen after print and eliminate screen drying and complication in the printing process. Spraying a mist of water onto Ecosol E1 Suede will prevent ink drying and also prolong open screen time. In certain occasion, mixing small dosages (2 to 5%) of Lubricant DP into the ink will be beneficial as this will reduce the ink evaporating rate or slow down the drying speed.

To achieve excellent opacity, elasticity on rib or stretchable fabric the below precaution are to be followed.

- 1.) Always lay down higher deposit of ink by using lower mesh count screen, rounded squeegee and soft table.
- 2.) Print the mix ink onto the stretchable fabric following the direction of the fabric grain.
- 3.) Cure to the optimum temperature and do not stretch fabrics while fabrics are hot.

Note: It is important to stir the ink well prior using. Lids must be kept on the containers at all times.

TYPE OF STENCIL & MESH

Printers are advised to use only water resistant, direct in direct emulsion. Avoid using screen hardener or enhancer, as this product will also react with the resin in the ink system and speed up the filming process.

Mesh Type

32T~43T mono-filament for high uneven puffing effect.

49~52S mono-multi filament for smooth leather suede effect.

77~120S mono-multi filament for detail print with soft hand effect

SQUEEGEES AND PRINTING TABLE.

55/65 sore hardness :For high deposit of ink and puff effect.

65 sore hardness :For sharp edge details.

75/85 sore hardness :For soft hand and fine toning effect.

CURING CONDITION.

For maximum fastness, prints are to be cure at 130°C/266°F. Airflow recommended is 2000 cfm/ 56cmm for 3 minutes.





CSC Screen Process Supplies Sdn. Bhd.

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PACKING AND STORAGE

20 liters Ropac Pails : 25 kgs for White, 20 kgs for OP & 20 kgs for Clear.

200 liters Metal Drums : 250 kgs for White, 200 kgs for OP & 200 kgs for Clear.

Always store ink under shade and away from direct sunlight.

HANDLING, TOXICITY & HAZARD

Ecosol E1 Suede System is completely green which meets the E1 standard of safety requirements, it is nonvolatile (waterbase) and was made from material that is non-carcinogenic and non-hazardous to the environment.

OTHER IMPORTANT TIPS

Always use Waterbase mode in using Ecosol on an Automatic press. Always flood screen when every printing stroke is completed, this is to prevent ink from drying on screen. Avoid using too high a temperature on flashing under-base white and make sure flash cure are air ventilated.

Hardener EX Plus is recommended if heavy washing performance is required and CBA NF is recommended for critical crocking fastness on high PVC (Pigment Volume Concentrate).

Info: 28.10.14

