



Silk Screen Inks

Products Information

www.sabinecolors.com



Scratch Removable Inks (SR35)

PROPERTIES

Scratch Removable inks are opaque inks which can be printed over offset printed lottery tickets and promotional card; they can be easily removed with a coin or fingernail to display the pre-printed message underneath. SR35 inks can be printed onto PVC or paper and have a satin finish.

INSTRUCTIONS FOR USE

Thinning and Cleaning

- Stir well before use.
- SR35 inks can be thinned with 10-15 % with (5099) before printing.
- Retarder S2961 can be used to make the ink dry more slowly when printing in a warm room or when using screens with high mesh counts.
- To increase the drying speed of SR35 5-10% 5099 should be added. This may be necessary when printing with automatic printing machines.
- Cleaner SWT139S should be used to clean SR35 from the screen. For heavy ink stains Screensolve and Screen paste to clean them off the mesh. Then, the cleaned mesh is ready for use again.

Printing

- SR35 can be printed through any type of mesh, but for the best printing results it is recommended that monofilament 62-64 to 77-48, depending on the detail required.
 - SR35 can be printed through a variety of solvent resistant stencils, such as Universal Diazol PU220, Diazol S42 & Polyzol Direct DE-422
 - 1 Kg of ink will print an area of approximately 35 m² through a 77-48 mesh.
 - A snap distance of about 2-3 mm is required for a good release of the print from the screen.
 - Always ensure that the offset print is thoroughly dry before overprinting with Scratch Removable Inks, as incompletely dried prints can impair the removability of the inks.
- Due to the wide range of substrates available, it is advisable that the ink be tested fully prior to printing.

Drying

SR35 can be dried jet dried at 55-65oC in approximately 20 seconds. This ink can also be dried at the normal room temperature in about 10 - 15 minutes, depending on the ambient temperature. SR35 inks should not be dried above 70oC as the scratch properties may be impaired.

Solvents

5099 Thinner, S2961 Slow Retarder, SWT139S Cleaner

SAFETY AND HANDLING

Scratch Removable Inks comply with the EN 71 Standard of the European Economic Community, the United Kingdom Toys(safety) Regulations 1974, the DIN EN 71 Standard of West Germany and the French Toy Standard NF 551204.

Scratch Removable Inks are flammable. Flashpoint is 34-50oC (93-122oF). While the ink is used at work, consumption of food, drink and smoking are not recommended. Do not empty down drains. Store away from heat.

ENVIRONMENTAL INFORMATION

SR35 Inks:

- Are formulated free from ozone depleting chemicals as described in the Montreal Convention.
- Do not contain heavy metals.