



Plastic/Credit Card Technical Data Sheet

SERICARD SWA - Adhesives & Vehicles

Description

Sericard Adhesives & Vehicles are supplied and designed especially for the Plastic and Credit Card industry. They offer superior peel strength for Credit and Plastic Card manufacturing.

Products

Item	Description
SWA-LV	K89315 - Laminating Vehicle
SWA-SLA	K92626 - Screen Printable Adhesive
SWA-RLA	K93113 - Roll Coat Adhesive
SWA-GLA	K93446 - Gravure Adhesive
SWA-LC2	K95088 - Laminating Vehicle & Adhesive

Packaging

Most products can be purchased in gallon containers. Please consult with your Nazdar representative for more information and to request any unique packaging requirements.

Thinning & Additives

Sericard products are supplied press ready, and can be thinned from 5-10% with water. Caution should be used when thinning as viscosity will drop quickly; mix well before use.

For certain unique situations, manufactures might require an additive. Please contact your Nazdar representative to discuss individual products for your specific application.

Drying

Sericard will air dry in 20-30 minutes with good air circulation and normal humidity (77°F, 60% Relative Humidity). Sericard can be force dried 15 to 60 seconds* @140°F. Allow extra dry time when using 980 retarder.

**This assumes a wet film thickness of 2 mil.*

Mesh and Stencil

Sericard products print well through 140 to 305 monofilament polyester fabrics. The ideal squeegee durometers are from 60 to 80.

Stencil materials must be solvent and water resistant. SuperCoat 915 or Dirasol 125 one pot direct emulsion is recommended to give the highest stencil durability. A hardener will increase the durability of any emulsion.

Coverage

Standard applications will yield coverage of 1200 to 1800 square feet per gallon, depending on the application method and film thickness.

Wash Up

Wash up on press should be done immediately after use. Water will work as well as press washes designed for water-based inks.

Metallics

Use only water stable Metallic powders to insure that mixtures stay press ready, such as:

PFS31508	Course Metallic Flake*
PFS31509	Medium Metallic
Flake* PFS31510	Fine Metallic
Flake*	

**Please contact your Nazdar representative for more information regarding stable metallic powders.*

Pre-Production Testing

It is recommended that all substrates be tested before use as supposedly similar substrates can vary between manufacturers and even between different batches from the same manufacturer. Certain plastics may be impregnated with lubricants that, like plasticizer migration, may impair adhesion and block resistance, even a considerable period after printing. Other plastics can become brittle or caused to curl after printing.

The end-user must determine suitability of these products, for the intended use, prior to production.

Pricing

Pricing is available upon request. Please contact Nazdar for specific information & details.

Storage

Containers should be tightly closed immediately after use. At the end of long printing runs, surplus ink from the screen should be disposed of. Refer to Material Safety Data Sheet (MSDS) for materials and conditions to be avoided. In the interest of maximum shelf life, storage temperatures should be between 50°F (10°C) and 77°F (25°C). When stored under these conditions the maximum shelf life is shown by the use by dates, which is clearly marked on all ink containers.

DO NOT allow water-base products to freeze.

Safety and Handling

Please refer to the MSDS for safety, handling, and waste disposal information.

The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our Company, 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 Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.

Nazdar Ink Technologies

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