



Industrial Plastics

Technical Data Sheet

SERICARD SSA - Solvent Adhesives & Vehicles

Description

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

Ready to Use Products

Item	Description
SSA-MMX	Laminating Adhesive & Vehicle
SSA-SLA	Laminating Adhesive
SSA-WA	White Adhesive
SSA-FDA	Fast Dry Adhesive

Toner/Base Matching System

Item	Description
SSA-MMX	Laminating Adhesive & Vehicle (Base)
SSA-009	Black Toner
SSA-064	Yellow Green Shade Toner
SSA-066	Yellow Red Shade Toner
SSA-121	Red Yellow Shade Toner
SSA-127	Violet Toner
SSA-164	Red Blue Shade Toner
SSA-165	Magenta Toner
SSA-230	Blue Toner
SSA-301	Black
SSA-311	White
SSA-325	Green Toner
SSA-RT	Retarder
SSA-TH	Thinner

Packaging

Sericard SSA products can be purchased in one or five gallon containers. Please consult with your Nazdar representative for more information and to request any unique packaging requirement.

Thinning & Additives

Mix well before each use. Toners and SSA-MMX are intermixable, toner use will normally not need to exceed 50%. For SSA-MMX use SSA-TH Thinner or TM-FTH Techmark Fast Thinner.

Other additives are available to meet special requirements. Please contact you NAZDAR representative for details.

The addition of any thinners will reduce the solids in the ink and lamination strength will change. Please test your specific requirements and verify the results before settling on the proper thinner adds.

Drying

Sericard SSA products will air dry in 30-45 seconds* at 160°F (71°C). If lower temperatures are used, additional time will be required.

*This assumes a wet film thickness of 2 mil.

Mesh and Stencil

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

Stencil materials must be solvent resistant. A hardener will increase the durability of any emulsion.

Coverage

Standard applications will yield coverage of 800.5 square feet per gallon*, depending on the application method and film thickness.

*This assumes a wet film thickness of 2 mil.

Wash Up

Use press wash.

Metallic Pigment Pastes

Sericard SSA-MMX is designed to work with a variety of metallic and pearlescent pigments. Standard levels are from 10-20%. Please consult with your Nazdar representative or your pigment supplier for recommended amounts.

Particle size should not exceed the actual mesh opening size.

Pastes

Item	Description
SSA-FF	Fine Flake
SSA-MF	Medium Flake
SSA-CF	Course Flake

Use of other metallic products should be evaluated prior to production as peel strength may be significantly affected.



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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 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 date, which is clearly marked on all ink containers.

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

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requested to ensure that they follow current recommendations.

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