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Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

17 Reaghs Farm Rd, Minto NSW 2566

Telephone: (02) 9603-3399 Fax: (02) 9603-7761

Website: www.austspecialtyinks.com.au

PRODUCT INFORMATION

PLASTIVAC

Main Characteristics

Finish	Drying	Thinner Wash up	Mesh	Stencil	Coverage	Application	Colour Range
Gloss	Jet dry in seconds, touch dries approximately 15 minutes.	Thinner F70-180 Retarder F70-182 Wash Up FSU5112.	Mono Filament fabric 62t to 140t.	Any solvent resistant or dual cure emulsion.	Approximately 45 square meters per kg.	Refer to A.S.I. ink selector chart.	9 Standard, 8 Basic Pantone Plus Black and White. Special colours as required.

PRODUCT DESCRIPTION:

Plastivac inks are a modified acrylic lacquer system designed as general-purpose screen process printing ink. These inks have been formulated to reduce static problems often associated with acrylic inks.

The inks were formulated for vacuum forming with deep draw. Please check to determine the suitability of the draw depth required. Adhesion and gloss are normally improved by vacuum forming.

Substrate and End-Use:

The ink system has displayed excellent adhesion to a wide range of plastic substrates including acrylics, cellulose acetate butyrate, styrene, A.B.S. and rigid vinyl to name a few. For a comprehensive listing of suitable substrates please refer to the A.S.I. ink selector chart.

Plastivac inks are NOT suitable for printing treated polyethylene or treated polypropylene.

Thinners

Thin up to 15% with Plastivac Thinner F70-180. To slow drying time thin with Plastivac Retarder F70-182.

Additives:

Plastivac Clear F70-170 for the reduction of opacity and transparency, also an excellent carrier for silver and gold showing minimum tendency to discolour bronze powders.

Universal Sharp Printing compound FSU178 may be used for fine detail printing (will slightly reduce ink gloss level).

For a flat finish use up to 15% Flattening Paste FSU5935.

Where the final print will be expected to withstand extreme weather conditions or severe chemical exposure we recommend the print be final coated with A.S.I. Pro-Pack Clear FSU3780/3781 to improve the resistance quality of the underlying print.



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Opacity and Lightfastness:

Number	Description	Opacity	Lightfastness	Number	Description	Opacity	Lightfastness
F70-111	Black	Opaque	Excellent	F70-57	Royal Blue	Opaque	Excellent
F70-112	White	Opaque	Excellent	F70-59	Permanent Blue	Semi Opaque	Excellent
F70-75	Cover White	Opaque	Excellent	F70-00	Basic Yellow	Semi Opaque	Good
F70-22	Fire Red	Semi Opaque	Good	F70-01	Basic Warm Red	Semi Opaque	Good
F70-24	Orange	Semi Opaque	Good	F70-02	Basic Rubine	Trans	Excellent
F70-30	Primrose Yellow	Opaque	Good	F70-03	Basic Rhodamine	Trans	Excellent
F70-32	Lemon Yellow	Semi Opaque	Good	F70-04	Basic Purple	Trans	Excellent
F70-34	Golden Yellow	Semi Opaque	Good	F70-05	Basic Process Blue	Trans	Excellent
F70-42	Emerald Green	Opaque	Good	F70-06	Basic Reflex Blue	Trans	Excellent
F70-52	Light Blue	Opaque	Excellent	F70-07	Basic Green	Trans	Excellent

General Remarks:

Stir well before use. Always test proof ink before starting production run as there is often considerable difference between like substrates from different suppliers.

Plastivac is a solvent based ink system and the ink film may re-dissolve in certain solvents. Pre-check for suitability.

It is recommended that the Plastivac SDS be consulted before using this product.