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TECHNICAL DATA SHEET

INDOFIL ESVS PLUS SOFT ACRYLIC EMULSION

Indofil ESVS PLUS is a GOTS approved thermo-plastic acrylic emulsion in primary form with soft and durable film properties. It has excellent thermal and mechanical properties which gives superior running properties.

Typical physical Properties of Indofil ESVS PLUS

Appearance	:	Milky white emulsion.
Solids	:	38 +/- 1 %
PH when pack	:	4.5 +/- 1
Specific Gravity	:	1.07
Viscosity(25 Deg.C)	:	Less than 300 cps
Colloidal charge	:	Anionic
Minimum Film forming Temp	:	less than 2 ⁰ C

Indofil ESVS PLUS is free from Formaldehyde and APEO.

APPLICATION :

Indofil ESVS PLUS is easily miscible with cold water. It is mainly used for water based pigment printing on cotton, viscose material to give soft and durable film properties. The print obtained using Indofil ESVS PLUS possesses very good all round fastness properties and excellent color value.

CATALYST :

Since INDOFIL ESVS PLUS is a self cross linking acrylic emulsion, catalyst is not necessary to achieve film durability where curing conditions are optimum (3 minutes at 150 Deg.C) But where curing conditions are less than optimum an acid or latent acid catalyst is recommended. The use of catalysts like Di-ammonium phosphate is recommended.

APPLICATION:

1. PIGMENT PRINTING :-

1. With Water base System :

INDOFIL ESVS PLUS	:	12 to 15 parts
INDOFIL KST	:	1.5 to 1.6 parts
WATER	:	83 to 80 parts
TOTAL	:	100 parts

Neutralized to pH 8.5 to 9 with liquor ammonia.

INDOFIL FIXER PF/LF/FF : 03 parts

Fixer is added just before printing.

Binder dosages will depend on the % shade of pigment.

Note : The neutralization should be done only after the addition of catalyst. Little excess of Liquor Ammonia would not in any way harm the print paste. Print paste should be filtered well before it is taken for printing.

Disclaimer:

The suggestion and data in this bulletin based on information we believe to be reliable. It is offered in good faith, but WITHOUT GUARANTEE, as the conditions and methods of the use of our products are beyond our control. We ALWAYS recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, Before adapting on a commercial scale.