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TECHNICAL DATA SHEET

INDOFIL EVS Eco-Friendly

Acrylic binder for water based pigment printing

INDOFIL EVS is a Acrylic co-polymer emulsion with soft, durable film properties. It has excellent thermal & mechanical properties which gives superior running properties.

INDOFIL EVS is free from APEO/NPEO . INDOFIL EVS is easily miscible with cold water. It is mainly used for water based pigment printing of cotton, viscose material and gives soft and durable film properties. The print obtained using INDOFIL EVS possesses very good all round fastness and excellent colour value.

TYPICAL PROPERTIES :

Appearance	:	Milky white liquid
pH (as packed)	:	6 to 8
Ionic nature	:	Ionic
Viscosity @25 ⁰ C, cps on Brookfield	:	200 Max (3/60)

CATALYST :

Since INDOFIL EVS 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 EVS	:	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 be depending 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.

STORAGE

INDOFIL EVS should be stored in a cool dry place having its container closed tightly . Once the seal of the drum is opened , the quantity must be used immediately .

SHELF LIFE

If stored in the recommended condition , product has a shelf life of one year from the date of manufacturing .

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