



**INDOFIL INDUSTRIES LIMITED**

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**TECHNICAL DATA SHEET**

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**INDOFIL SVM 49**

**INDOFIL SVM 49** is a self-crosslinking Acrylic co-polymer emulsion with soft, durable film properties. It has excellent thermal & mechanical properties which gives superior running properties on machines as well as on screens without any build-up on the equipment.

**INDOFIL SVM 49** used for **FLOCKING** ,to get Velvet type of effect.

**INDOFIL SVM 49** is easily miscible with cold water.

**TYPICAL PROPERTIES :**

- |                    |                        |
|--------------------|------------------------|
| • Appearance       | : Milky white emulsion |
| • pH (as is)       | : 4 - 6                |
| • Solid content    | : 44 - 46              |
| • Viscosity @ 25°c | : Max.100 cps          |

**CATALYST :**

Since INDOFIL SVM 49 is a self cross linking acrylic emulsion, Catalyst is not necessary to achieve film durability where curing conditions are optimum(3 minutes at 150°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.

**DRYING & CURING :**

Prints are dried at 80°C–90°C & cured at 150°C for 3–5 minutes or alternatively by steaming at 170°C for 7 minutes in a loop ager.



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### APPLICATION :

### FLOCKING :-

Suggested FLOCKING recipe using INDOFIL SVM 49 is outlined below.

INDOFIL SVM 49	:	94 Parts
INDOFIL ASE 60	:	04 Parts
Urea	:	02 Parts
INDOFIL FIXER SVF	:	02 Parts
Liq. Ammonia	:	To adjust pH 8 – 9

COAT – FLOCK – DRY – CURE AT 160 °C /3 Minutes

*The above given recipes can be a guideline formulation and processors may make adjustments to achieve appropriate cost / performance balance.*

**Storage :** Please store in cool dry place away from sunlight .When stored under standard storage conditions product will remain stable for 12 months .

#### 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.