



INDOFIL INDUSTRIES LIMITED
Kalpataru Square, 4th Floor
Kondivita Road, Off Andheri Kurla Road
Andheri(E), Mumbai- 400 059, India
Tel : 022-6663 7373 Fax – 022-2832 2276
E-mail : mktindl-icc@modi.com



TECHNICAL DATA SHEET

INDOFIL HA SCM New

Polymer dispersion used in back coating of tufted carpets.

INDOFIL HA SCM New is specially designed polymer with highly flexible handle and durable film properties. It has excellent bonding & mechanical properties. Indofil HA SCM New is used for good fiber bonding and dimensional stability.

TYPICAL PROPERTIES

- Appearance : Milky white emulsion
- Ionic Nature : Anionic
- pH (as is) : 4 - 6
- Solid content : 50% ± 1%

CHARACTERISTICS

- ✓ Withstand very cold temperature
- ✓ Medium soft film
- ✓ Excellent filler loading capacity
- ✓ Excellent tuft lock strength
- ✓ Excellent anti skid property
- ✓ Very Good abrasion resistance
- ✓ Shiny and hydrophobic film
- ✓ Good flexibility

COMPATIBILITY

INDOFIL HA SCM New has very good compatibility with

- Most anionic and non ionic polymer dispersions in Indofil product range.
- Cross linking agents like melamine based , free formaldehyde and PU based formulations
- Indoprint pigment preparations
- Thickening agents INDOFIL KST and INDOFIL KST PLUS
- Fillers such as kaolin, dolomite , china clay etc

PROPERTIES OF THE FILM

Glass transition temperature Tg	: -11 ⁰ C
Appearance	: Transparent and colour less
Surface	: Tacky
Handle	: Very soft and flexible

CATALYST

Since INDOFIL HA SCM New is a self cross linking acrylic emulsion, catalyst is not necessary to achieve film durability where curing conditions are optimum (3 minutes at 150⁰ 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

INDOFIL HA SCM New may be used as a primary backing for tufted coir door mats and tufted carpets. This product has a very good filler loading capacity and addition of filler can be done as per the requirements of customer. It can be easily blended with latex as per requirement of customer. It is an eco friendly option to PVC based solutions.

COATING

INDOFIL HA SCM New can be used for coating on fabric to produce shiny, medium soft and hydrophobic effect on the applied substrate.

PRECAUTIONS

Customers have to carry out their own trials when developing and processing products based on INDOFIL HA SCM New. The properties of compounds that contain INDOFIL HA SCM New and the technical performance of needle-felt floor coverings and precoats and backings applied to tufted carpets are affected by a variety of factors which are too numerous for us to take into account in our own trials.

PACKING INFORMATION

This product is available in 245 kg carboy.

STORAGE RECOMMENDATION

Keep the product in cool and dry place. Opened package should be sealed properly after use.

SHELF LIFE

If kept in original packed condition under shade, the product is stable up to 12 months. The product should be kept away from heat and sun light. If the original seal is opened, the quantity must be consumed immediately.

The information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility.

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