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BASF SE

Fixapret[®] Catalyst F-M

Catalyst for the resin finishing and in combination with the low-formaldehyde cross linker like Fixapret Resin F-ECO.

Chemical nature	Inorganic salt solution in water.
Physical form	Clear to softly turbid, colorless to yellowish liquid
Shelf life	When it is stored in the original, sealed containers at temperatures between 5 °C and 30 °C, Fixapret® Catalyst F-M has a shelf life of at least 24 months. Once containers have been opened, the contents should be used up as soon as possible. Containers should always be closed tightly again after product has been taken out.

Properties

Density	1.20-1.30 at 25°C
pH	5.0-8.0 (5% solution)
Solubility	Fixapret® Catalyst F-M can be infinitely diluted with cold water in all proportions.
Compatibility	Fixapret® Catalyst F-M is compatible with most additive agents and softener agents recommended in the recipes, when it is in using with finishing resin, like Fixapret® Resin F-ECO / Fixapret® Resin F-CL.

Application

Fields of application and finishing effects	In the resin finishing on textile fabric, the catalyst Fixapret® Catalyst F-M shall be combined with the Finishing resin like Fixapret® Resin F-ECO / Fixapret® Resin F-CL. The reaction temperature of cross linker is between 150-180 °C. By using Fixapret® Catalyst F-M, better tear strength can be achieved.																														
Amounts used	<p>* about 25% amount of Fixapret® Resin F-ECO/F-ECO plus but at least 13 g/l.</p> <p>* about 25% amount of Fixapret® Resin F-CL, but at least 13 g/l.</p> <p>* For viscose rayon or modal rayon, additional 10 g/l Fixapret® Catalyst FB is recommended.</p>																														
Guideline recipes	<p>Shirting fabric(woven cotton cloth)</p> <table> <tr> <td>1</td> <td>g/l</td> <td>Kieralon® Wash XC-J Conc.</td> </tr> <tr> <td>40-80</td> <td>g/L</td> <td>Fixapret® Resin F-ECO</td> </tr> <tr> <td>13-20</td> <td>g/L</td> <td>Fixapret® Catalyst F-M</td> </tr> <tr> <td>10-20</td> <td>g/L</td> <td>Perapret® Additive F-PEB</td> </tr> <tr> <td>10-30</td> <td>g/L</td> <td>Siligen® Softener SIE / SIS</td> </tr> </table> <p>PH: 4.0-5.5 with acetic acid. Liquor pick-up: approx. 70% Drying: usual conditions Curing: 3 min at 150 °C</p> <p>Blouse material (woven viscose)</p> <table> <tr> <td>1</td> <td>g/l</td> <td>Kieralon® Wash XC-J Conc.</td> </tr> <tr> <td>60-90</td> <td>g/L</td> <td>Fixapret® Resin F-ECO</td> </tr> <tr> <td>15-23</td> <td>g/L</td> <td>Fixapret® Catalyst F-M</td> </tr> <tr> <td>10</td> <td>g/l</td> <td>Fixapret® Catalyst FB</td> </tr> <tr> <td>20-30</td> <td>g/L</td> <td>Siligen® Softener SMS</td> </tr> </table>	1	g/l	Kieralon® Wash XC-J Conc.	40-80	g/L	Fixapret® Resin F-ECO	13-20	g/L	Fixapret® Catalyst F-M	10-20	g/L	Perapret® Additive F-PEB	10-30	g/L	Siligen® Softener SIE / SIS	1	g/l	Kieralon® Wash XC-J Conc.	60-90	g/L	Fixapret® Resin F-ECO	15-23	g/L	Fixapret® Catalyst F-M	10	g/l	Fixapret® Catalyst FB	20-30	g/L	Siligen® Softener SMS
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15-30 g/L Siligen® Softener SIE / SIS

PH: 4.0-5.5 with acetic acid.

Liquor pick-up: approx. 80%

Drying: usual conditions

Curing: 45 seconds at 170 °C

Outerwear knit goods(cotton)

1 g/l Kieralon® Wash XC-J Conc.

30-50 g/L Fixapret® Resin F-ECO

13 g/L Fixapret® Catalyst F-M

20-30 g/L Perapret® Additive F-PEB

10-20 g/L Siligen® Softener SIE / SIS

PH: 4.0-5.5 with acetic acid.

Liquor pick-up approx.70%

Drying: usual conditions

Cure approx. 30s at 170°C.

Safety

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.

