

Technical Tuesdays

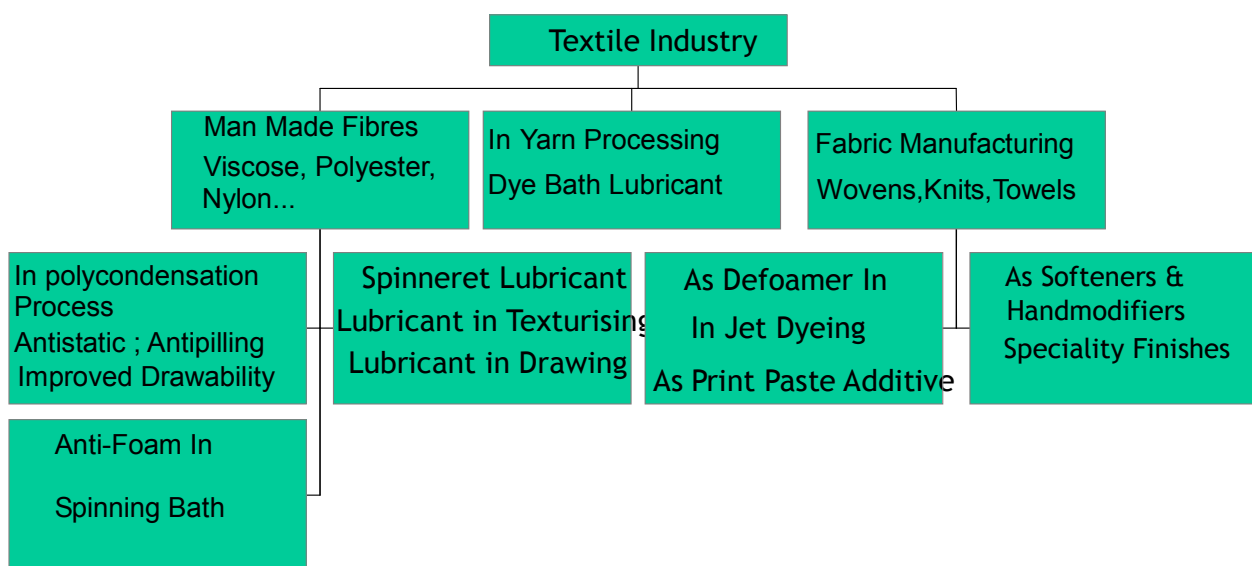
REF:TT/May 2011/ WK 5

Silicones - Continuation part-2..

Silicone finishing :

Finishing is the process of delivering silicone performance in easy-to-use forms that meet specific manufacturing process, application, or performance requirements.

General Overview of Silicone application in Textile Industry:



Silicone application based on chemistry in Textiles:

- PDMS - Lubrications
- Silanol- Synthetics
- AminoPolymers - Softener for Cotton
- Modified amino(amido) - Non-yellowing Softener for whites
- Epoxy - Bouncy soft
- Glycolamino - Hydrophilic finish
- Glycolaminoepoxy - Towel softeners
- Activated PDMS/PDMS - Defoamers

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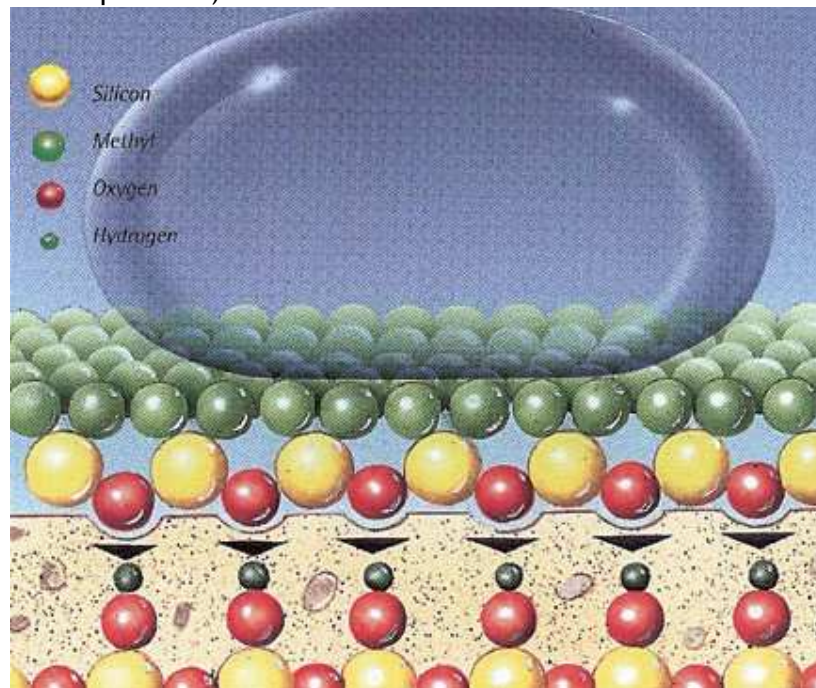
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Factors governing the exhaustion of hand modifier silicones on Textiles:

1. Particle size
2. Ionicity
3. Reactivity
4. Surface tension

After application of silicone finishes, How does it look like on the fabric....????

Like this.....(a picturesque view)



- The end

“Have a happy week ahead”

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