

# SEDASIL HME

## Hydrophilic Silicone Micro Emulsion



### Chemical Nature

Amino functional siloxane



### Ionic Nature

Non Ionic



### pH

4.0-5.0



### Physical Appearance

Translucent Emulsion



### Odor

Odorless



### Solubility

Soluble in water



### Fabric Type

Knitted and Woven fabrics of all kind of fibers.



### Storage

12 months, 25-35 °C.



### Health & Safety

SDS available upon request



### Product Feature

- Very Smooth and Voluminous Handle.
- Good Elasticity.
- No additional catalyst required.
- Increasing the resilience.
- It has got high mechanical stability so it can be used in jet dyeing machines.
- Because of its non-ionic character, it can be applied on white items, possibly together with brightening agents.
- It improves sewing ability.
- Does not yellowish, suitable for white fabric.
- Good fastness to wet and dry washing.
- Reduces the abrasion loss in the resin finishing.
- Decreases the tendency to crease.
- Increases the resistance to further tearing.



### Application

- **SEDASIL HME** can be mixed, at any ratio, with cold and weakly acidic water. Alkaline water should be acidified With Acetic Acid to pH 5.5 — 6.5 before padding.
- **SEDASIL HME** is suitable for a large variety of articles.
- The quantities of application depend on the kind of article, its composition, and the desired effect. The usual quantities are as follows:
- **Exhaustion Process:**  
2-4 % **SEDASIL HME**, pH 5.5-6.5, 20 minutes at 40°C
- **Padding Process:**  
20-40 g/l **SEDASIL HME**, pH 5.5-6.5, Pickup 70—80 %
- Drying as usual. The contained silicon cross-link at 140-150°C, or at room temperature after a few days.



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Information concerning the safety regulations can be taken from the Material Safety Data Sheet of this product. We reserve the right to modify the product and technical leaflet. Our department for applied technique is always at your service for further information and advice.