

# Technical Bulletin

## SurfTechs 4583 AFS

### DESCRIPTION

**SurfTechs 4583 AFS** is a unique hydrophilic silicone based polymer formulated to lend excellent durable water absorbency on cellulosic and synthetic fabrics, especially polyester. The product may be used on fabrics and garments to lend moisture management characteristics.

### BENEFITS

**SurfTechs 4583 AFS** has the following beneficial characteristics.

- Provides High Level of Absorbency
- Effective at Low Add-On Level
- Launder and Dry Clean Durable
- Resin and Extender Compatible

### TYPICAL PROPERTIES

Color	White
Texture	Liquid
PH	About 6
Specific Gravity	About 1.02
Solubility	Soluble

### PREPARATION

**SurfTechs 4583 AFS** is ready to use. The product can be combined with **SurfTechs 4142** for increased durability.

### APPLICATION

**SurfTechs 4583 AFS** should be applied by pad application as follows:

<b>SurfTechs 4583 AFS</b>	5 – 10% OWB
or	
<b>SurfTechs 4583 AFS</b>	3 – 5% OWB
<b>SurfTechs 4142</b>	3 – 5% OWB

**Note:** Fabrics or garments must be very well prepared. Residual size, alkali or other chemicals will interfere with performance. Fabrics or garments should be slightly acidic for best results.

### STORAGE

**SurfTechs 4583 AFS** should be stored in a cool, dry and well-ventilated area.

### HANDLING

Follow good industrial hygiene when handling **SurfTechs 4583 AFS**. Please refer to the Material Safety Data Sheet for details.

### PACKAGING

**SurfTechs 4583 AFS** is available in drums and totes.

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