

# Technical Bulletin

## SofTechs 4142

### DESCRIPTION

**SofTechs 4142** is a durable hydrophilic silicone emulsion softener for use on fabrics to lend water absorbency. The product imparts a moisture management characteristic to treated fabrics that is durable to washing and dry cleaning.

**SofTechs 4142** is highly recommended for cotton toweling and garments.

### BENEFITS

**SofTechs 4142** has the following beneficial characteristics.

- Hydrophilic
- Lends Soft Hand
- Provides a High Level of Absorbency
- Cures Under Normal Resin Conditions
- Solvent Free

### TYPICAL PROPERTIES

Color	Slightly Yellow
Texture	Hazy Liquid
Odor	Mild
Viscosity	< 20 CPS
Solubility	Soluble

### PREPARATION

**SofTechs 4142** may be added directly to the bath at the desired dosage. No pre-dilution is required.

### APPLICATION

**SofTechs 4142** may be applied by pad or method. Dose 5 – 10 % OWB

Two to three bowl pad recommended. Cloth entering the pad should be at ambient temperature. Impregnated fabric should be pre-dried to 30 – 40% moisture content before entering the dry frame. Cure for 60 seconds at 320° F.

**Notes:** Fabric must be well prepared – free of all sizing agents, alkalis and other additives. Fabric should be slightly acidic for best results. Use only free rinsing wetting agents. Silicone defoaming agents and water repellants must not be used.

### STORAGE

**SofTechs 4142** should be stored in a cool, dry and well-ventilated area. Do Not Store at temperature exceeding 100° F'

### HANDLING

Follow good industrial hygiene when handling **SofTechs 4142**. Please refer to the Material Safety Data Sheet for details.

### PACKAGING

**SofTechs 4142** is available in drums and totes.

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