

# Technical Bulletin

## SurfTechs 4401

### DESCRIPTION

**SurfTechs 4401** is a concentrated silane quaternary ammonium salt designed for use as a durable antimicrobial that cross-links to form a polymer network on the surface of fabric. The product lends a broad spectrum of antimicrobial activity, bacteria static and fungi static properties, to treated fabrics.

**SurfTechs 4401** is highly recommended for application to upholstery, apparel, mattress ticking, awnings and other flat goods woven of cotton, cotton/polyester and rayon yarns.

### BENEFITS

**SurfTechs 4401** has the following beneficial characteristics.

- Concentrated
- Highly Durable
- Bacteria static and Fungi static Properties
- Broad Spectrum Antimicrobial
- Does Not Diffuse into Environment

### TYPICAL PROPERTIES

Color	Amber
Texture	Liquid
Odor	Mild
PH	About 5.2
Solubility	Soluble
Specific Gravity	About 1.0

### APPLICATION

**SurfTechs 4401** may be dosed as follows.

*0.1 – 1.0% owb*

Dosage rates may be influenced by fiber type and wet pick up rate. Consequently, practical usage rate should be confirmed by experimentation.

The product may be dosed into existing finish baths or may be applied alone.

### STORAGE

**SurfTechs 4401** should be stored in a cool, dry and well-ventilated area. Do not freeze.

### HANDLING

Please refer to the Material Safety Data Sheet for details.

### PACKAGING

**SurfTechs 4401** is available in 5-gallon pails and 55-gallon drums.

**Date Established: 06/03/02**

**Date Revised:**

The information contained in this bulletin is to the best of our knowledge, true and accurate. This information is offered as a general guide to facilitate experimentation as to its suitability to the local plant environment, but neither an express or implied warranty of merchantability of the above mentioned product for particular use. American Textile, LLC make no guarantee of results and assume no obligation or liability whatsoever in connection with this information.