



# Sure-Chek™

## MicroVent Soft®

**Bob Barker Company, Inc.**

P.O. Box 429, Fuquay-Varina, NC 27526

Phone: (919) 552-3431 Fax: (919) 552-5097

Toll Free: 1-800-334-9880

March 2001

### LABORATORY REPORT

PROPERTY	TEST METHOD	TEST RESULTS	DESCRIPTION
<b>BIOLOGICAL PROPERTIES</b>		<b>CURRENT PRODUCTION</b>	
Antimicrobial to protect the fabric	NYS63	pass	Resistant to organisms that degrade, stain, or impart odors.
Primary Skin Irritation Index	Draize Dermal Toxicity	0	Fabric is hypoallergenic - does not cause toxic reactions and irritations.
<b>PHYSICAL PROPERTIES</b>			
Weight, oz. per sq. yd.	ASTM D3776	5.4	Lightweight
Flame Resistance (45°)	NFPA 702	Class 1	National Fire Protection Association (NFPA 702) Inherent flame resistance to minimize fire hazards.
Cigarette Ignition	16 CFR Part 1632	Class B	
Effect of disinfectants/germicides on fabric	HTM-4.2	No effect when properly diluted and used in those solutions recommended by their manufacturers	Resistant to staining by biological fluids and by most materials commonly encountered in medical environments, except Betadine and other iodophoric disinfectants.

**FABRICATION:** Capable of being fabricated by stitching, and/or cementing - can be patched, seamed and repaired.

**COLOR:** Permanent, non-fading, non-bleeding

**WIDTH:** Widths of 43" and 54", or as specified.

**IDENTIFICATION:** Logo embossed, also imprinted on edge of every yard.

**MAINTENANCE:** Only necessary to wipe down with mild soap suds, rinse with warm water, when soiled. Disinfection, if required, follow manufacturers' recommended instructions for disinfectant used.

Testing is conducted in strict accordance with ASTM Test Methods, unless otherwise indicated. HTM = Hercules Test Method. Copies available upon request. This information is offered for your general guidance and has been obtained by modern test methods. It is true and accurate to the best of our knowledge at the time of printing.

The following disinfectants have been tested by the Herculite Products, Inc. laboratory and are safe to use on Sure-Chek fabrics when **used in accordance with the manufacturer's recommended dilution.**

Trade Name	Type	Manufacturer
A33	Quaternary	Ecolab
Alcide LD	Chlorine Oxide	Alcide Corporation
Blue Chip	Quaternary	S.C. Johnson Co.
Elimstaph	Quaternary	Walter G. Legge
Forward DC	Quaternary	S.C. Johnson Co.
Galahad	Phenolic	Puritan
LPH	Phenolic	Steris Corp
Lysol I. C. Quaternary	Quaternary	National Laboratories
Lysol I. C. Phenolic	Phenolic	National Laboratories
Omega	Quaternary	Ecolab
One-Stroke	Phenolic	Steris Corp
Pro-Tech RDI-36B	Quaternary	Central Solutions, Inc.
Quat Sanitizer	Quaternary	Ecolab
Sanikleen	Quaternary	West Penetone
Vesphene II	Phenolic	Steris Corp
Virex 128	Quaternary	S.C. Johnson Co.
Viro-Chek	Hypochlorite	Bob Barker Co.

*This list is not intended to be all inclusive nor should it be considered a recommendation or endorsement by Herculite Products of any product. Contact Herculite Products to question the use of a particular cleaning product on Sure-Chek fabrics or to inquire about any information offered in this bulletin.*

**Disinfectants:** Either phenolic or quaternary type disinfectants (in concentrations recommended by the manufacturer) may be used satisfactorily with Sure-Chek fabrics. All Sure-Chek fabrics may be cleaned with a 1:10 dilution of household bleaches containing 5.25% sodium hypochlorite as recommended by the Center for Disease Control in Atlanta, Georgia. There is no harmful effect on the fabric. Disinfectants applied at full concentration or in highly concentrated solutions will decrease the useful life of Sure-Chek fabrics. Iodophor type disinfectants used on Sure-Chek fabrics may result in staining.

**Soils or Stains:** Use neutral soap suds and lukewarm water. Do not use harsh cleansers, solvents or detergents.

**Hard-To -Clean Spots:** Use standard household/vinyl cleansers and a soft bristle brush on troublesome spots or stains. Pre-soak heavy, dried-on soil.

**Laundering Vinyl-laminated or Rubber-coated Sure-Chek Fabrics is not recommended.** Laundering may substantially decrease the useful life of the fabric.

**Laundering of Polyurethane-coated Sure-Chek Fabrics:** Machine wash with detergent up to 120°F. (Some surface wrinkling may occur. This wrinkling has no adverse effect on the fabric properties). Hang or tumble dry thoroughly at 140° F before storage.

*The information contained in this bulletin is believed to be reliable. It is offered in good faith and intended for use as a general guide. Herculite Products makes no guarantee of results and assumes no obligation or liability whatsoever in connection with the use of this information. This bulletin, including any statement concerning the possible use of our products or any other manufacturer's products, is not a license to operate under or intended to suggest infringement of any existing patents.*

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## **MATERIAL SAFETY DATA SHEET**

**POLYESTER STAPLE**

**I31010**

Issue Date: October 28, 1985

Revised: February 8, 1999

Emergency Contact - CHEMTREC 1-(800)-424-9300

### Product Identification

Polyester Staple is a family of fiber products having similar hazard and physical property characteristics. These products are made from polyethylene terephthalate polymer (CAS# 25038-59-9) and one or more surface finishes applied at < 1% total weight of fiber.

### Hazardous Ingredients

There are no known physical or health hazards associated with this product. In skin tests on human subjects, the fibers produced no irritation or sensitization.

The polymer immobilizes the constituents of the polymer system (delusterants, catalyst residues, etc.) which, therefore, presents no likelihood of exposure under normal conditions of processing and handling.

However, exposure to chemical substances may occur as a result of processing these fibers. Processing may release and aerosolize the residual moisture and surface finishes. Heating the fibers may volatilize the finishes or product a chemical change.

### Physical-Chemical Data

Polyethylene terephthalate is chemically stable and resistant to attack by oils, solvents, weak acids and weak alkalis. The polymer melts at about 500°F.

### Physical Hazards

Polyester Staple will burn if exposed to flame. Decomposition products generated from molten polymer may be subject to autoignition. Combustion products will be comprised of carbon, hydrogen and oxygen. The exact composition will depend on the conditions of combustion.

### Health Hazard Data

Results from toxicity studies suggest that these fibers would pose no significant health problems under normal conditions of handling and use.

### Control Measures

Adequate ventilation is recommended to maintain finish mist levels below 3 mg/m<sup>3</sup> 8-hour TWA.

Fire fighters should protect themselves from decomposition and combustion products that may include carbon monoxide and other toxic gases.

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**Safe Handling Procedures**

Customary personal hygiene measures, such as washing hands after working with such fibers, are recommended. Use of safety glasses and gloves and standing to one side when cutting bale wires is advised.

**Disposal and Shipping Information**

These products are not classified as hazardous wastes under the Resource Conservation and Recovery Act and, unless prohibited by state or local regulation, can be disposed of in a municipal landfill or incinerated. Any finish oils contained in plant waste water should be biodegradable in conventional biological wastewater treatment systems.

These fibers are not classified by the Department of Transportation as a hazardous material.

**Information Contact**

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