



WESTEX INC.

BY WESTERN PIECE DYERS AND FINISHERS SINCE 1919

SPECIALTY AND FLAME RESISTANT FABRICS

2845 W. 48TH PLACE
CHICAGO, ILLINOIS 60632
PHONE (773) 523-7000
FAX (773) 523-0965

Dear Customer:

As you are probably aware, the OSHA Hazard Communication Standard (Subpart 2 of Part 1910 of Title 29 of the Code of Federal Regulations, 1910.1200) becomes effective November 25, 1985 for chemical manufacturers, importers and distributors and May 25, 1986 for downstream customers. By now you may have received notification from other fabric suppliers concerning formaldehyde release from their fabrics.

With regard to chemically treated fabrics the OSHA standard itself is confusing, and the decision made regarding the ACTWU's request fail to have logical support. We do not consider ourselves chemical manufacturers, nor do we consider our safety apparel fabrics to be hazardous. Our Proban/FR-7A® INDURA® and INDURA TUF STUF® flame resistant fabrics are treated with a chemical that contains formaldehyde. Following the complete chemical treatment process, formaldehyde content of treated fabric, measured by the most stringent test known, is less than 0.1% by weight. Although this level is below the OSHA hazard assumption level, we recommend such treated fabrics be handled in a well ventilated workplace and that employee exposure be monitored.

We have prepared a material Safety Data Sheet for Proban®/FR-7A®, INDURA® and INDURA TUF STUF®

treated fabrics, and will be pleased to provide a copy of this MSDS should you wish to consult it as part of your compliance with the Hazard Communication Standard. **All distribution of the Material Safety Data Sheet should be accompanied by this letter.**

Copies will be provided on written request to me at:

Westex Inc.
2845 W. 48th Place
Chicago, Illinois 60632

Very truly yours,

William F. Baitinger Ph.D.
Vice President - Technical

MSDS



WESTEX INC.

BY WESTERN PIECE DYERS AND FINISHERS SINCE 1919

SPECIALTY AND FLAME RESISTANT FABRICS

2845 W. 48TH PLACE
CHICAGO, ILLINOIS 60632
PHONE (773) 523-7000
FAX (773) 523-0965

PRODUCT IDENTIFICATION

DATA SHEET: 92-02 Proban®/FR-7A® INDURA® and INDURA TUF STUF®
January 2, 1998

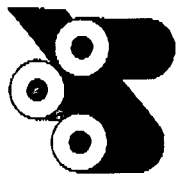
DESCRIPTION: 100% Cotton, flame resistant fabric, treated with a phosphonium salt precondensate, capable of releasing some formaldehyde. When tested by AATCC Method 112 release levels are substantially below 1000 ug/g (0.1%) and typically are below 500 ug/g (0.05%)

MANUFACTURER'S ADDRESS: Westex Inc.
2845 W. 48th Place
Chicago, IL 60632
Attn: Dr. W.F. Baitinger
Vice President - Technical

TELEPHONE NUMBER: (773) 523-7000

HAZARDOUS INGREDIENT

<u>CHEMICAL</u>	<u>CAS. NO.</u>	<u>ATMOSPHERIC EXPOSURE LIMIT - TWA</u>	<u>REFERENCE</u>
Formaldehyde	000050-00-0 1.0		29 CFR 1910.1048



WESTEX INC.

BY WESTERN PIECE DYERS AND FINISHERS SINCE 1919

SPECIALTY AND FLAME RESISTANT FABRICS

2845 W. 48TH PLACE
CHICAGO, ILLINOIS 60632
PHONE (773) 523-7000
FAX (773) 523-0965

FIRE AND EXPLOSION HAZARDS

Flame resistant fabric may ignite in contact with flame, however, it should self-extinguish upon removal of ignition source. Products of combustion include carbon dioxide and carbon monoxide.

EXPOSURE COENTROL METHODS

General ventilation should be used to maintain exposures below applicable exposure limits. Recirculating systems should, whenever practicable, be operated in the bypass mode to avoid concentrating air contaminants in the work space.

WASTE DISPOSAL

Landfill disposal of waste fabric may be made in accordance with local government regulations.