



# Safe-T-Guard®

## PRODUCT DATA SHEET

### READY TO USE FLAME RETARDANT FOR FABRIC, WOOD AND PAPER

**SATURANT**

**ITEM #100**

**FABRIC PRODUCT DESCRIPTION:** Safe-T-Guard is an interior flame retardant for most fibers. Also works on some cardboard, and paper. Safe-T-Guard is unique, as it is one product for most fibers. Not effective on 100% nylon, acetate or acrylic.

**WOOD PRODUCT DESCRIPTION:** Safe-T-Guard is an interior class B flame-retardant saturant.

#### **TECHNICAL DATA:**

- Weight - 5-gallon pail is 50 lbs (ready to use), pH=6.5-7. Available in all quantities.
- Available in concentrate.
- May need up to 24 hrs. to cure depending upon fiber characteristics.
- Appearance - consistency and appearance of water.
- Store between 40° and 100°F. Shelf life, 10 years if unopened.
- Safe-T-Guard is water-soluble. It is recommended that all fabrics be dry-cleaned.
- Do not add water or change chemical composition in any way. Always make sure cap stays on container.
- Do not expose to heat above 300° f. after application.
- Certification requires application by a California State Certified Applicator to comply with requirements of the CA State Fire Marshal.

#### **APPROVALS:**

**For Fabric:** California Chemical Approval #C-10002, NFPA 701, small and large scale; NFPA 701, Test No. 1, CA Title 117, CA Title 19, New York City Administrative Code §27-4266 and 3RCNY §19-01, Public Safety Section 1237, FAA 25.853B, BFD IX-1, MVSS302, State of Massachusetts, Boston Fire Code, British Standard 5867 PT.2:1980, CAN/ULC-S109-03 Large-Flame Test New York Port Authority, Has been approved by ICBO, City of L.A. TB-603, NFPA 285. **Toxicity reports available upon request.**

**For Wood:** Meets ASTM E-84, UL 723, UBC No. 42y, NFPA 255, Class II, BS 476:Part 7:1987, California Chemical Approval #C-10002, ICBO #3656, City of L.A. Approval No. 24303.

#### **READY TO USE APPLICATION INSTRUCTIONS ARE LISTED BELOW CALL FIRETECT FOR CONCENTRATE PAD OR OTHER APPLICATIONS**

Users of this product must determine the suitability of this product for its intended use.

**For Fabric:** Safe-T-Guard is ready to use. OSHA recommends: for any liquid, proper hand and eye protection should be worn. Safe-T-Guard will cover 200-800 square feet depending upon the fiber content of the item being treated. Using a Hudson type orchard sprayer, apply at 40-90 PSI using a fan spray tip, spray entire area and cover completely to fabrics free of coatings and dirt. Testing results will determine chemical amount and cure time.

**For Wood:** Before using, user should determine the suitability of this product for its intended use. Safe-T-Guard is ready to use. OSHA recommends: for any liquid use, proper hand and eye protection should be worn. All wood must be free from coatings such as paint, sealant or dirt. Coverage is 250 square feet per gallon. Using a hand Hudson type orchard sprayer, apply at 40-90 PSI using a fan spray tip, spray entire area and cover completely. The state of CA requires application by a CA Certified Applicator to obtain documented certification.

#### **CLEAN-UP:**

Flush sprayer and tips with warm water and wash hands with soap and water.

#### **CAUTION:**

Keep out of reach of children. Do not ingest. Call physician if swallowed. Clean with soap and water all contacted areas. Flush eyes with chemical eye wash or flush eyes with cool water for at least 15 minutes. If irritation persists seek advice of a Physician.

#### **WARRANTY AND DISCLAIMER:**

Use only as directed. Sellers and Manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or inability to use the product. The user assumes all risk and liability whatsoever in connection therewith. Any statement or recommendation not contained herein shall have no force or effect unless contained in an agreement signed by officers of seller and manufacturer. Deterioration of coatings applied to interior finishes can occur due to cleaning, atmospheric and other conditions. Fire Retardants shall possess the desired degree of permanency and shall be maintained so as to retain the effectiveness of the treatment under the service conditions encountered in actual use. Periodic testing should be performed to insure flame-retardancy effectiveness.

04/08

**Section V - Reactivity Data**

Stability	Stable	<input checked="" type="checkbox"/>	Conditions to Avoid: None
Incompatibility ( <i>Materials to Avoid</i> ): None			
Hazardous Decomposition or Byproducts:			
Hazardous Polymerization	Will Not Occur	<input checked="" type="checkbox"/>	Conditions to Avoid: None

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation: yes	Skin: yes	Ingestion: Unlikely
Health Hazards ( <i>Acute and Chronic</i> ): Contact with skin and eyes can cause local irritation			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: Local Irritation			
Medical Conditions Generally aggravated by Exposure: Ingestion of large quantities may cause symptoms of non-specific irritation of gastrointestinal tract, nausea, vomiting, seek medical attention.			
Emergency and First Aid Procedures: If swallowed, induce vomiting, seek medical attention. In case of eye contact, flush with running water for at least 15 minutes. If irritation persists, seek advice of a physician.			

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Flush with large volumes of water.
Waste Disposal Method: Flush with large volumes of water.
Precautions to Be taken in Handling and Storing: Storage should take place in a cool, dry, ventilated area.

**Section VIII - Control Measure**

Respiratory Protection ( <i>Specify Type</i> ): Wear mask during spraying.		
Ventilation	Local Exhaust: Sufficient	Special
	Mechanical ( <i>General</i> )	Other
Protective Gloves: May be Used		Eye Protection: May be used
Other Protective Clothing or Equipment		
Work/Hygienic Practices: Area should be well ventilated.		

# Material Safety Data Sheet



## US Department of Labor

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

**IDENTITY: FireTect Safe-T-Guard**

### Section I – FireTect Safe-T-Guard Flame Retardant

Manufacturer's Name FireTect	Emergency Telephone Number: (661) 298-8801
Address: 26951 Ruether Avenue, Unit D Canyon Country, CA 91351	Telephone Number for Information: (661) 298-8801
	Date Prepared: 01-05-98 Reviewed: 09-01-06

### Section II - Hazard Ingredients/Identity Information

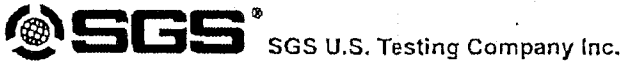
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>FireTect Safe-T-Guard for Fabric, Wood and Decorative Material (Non-Hazardous Saturant)</b>				
Water based flame retardant solution				
VOC: 0 Grams per liter				
<b>NON-HAZARDOUS, NON FLAMMABLE</b>				
NFPA: Hazardous 0, Flammability 0 Reactivity 0				

### Section III - Physical/Chemical Characteristics

Boiling Point	212°	Specific Gravity (H <sub>2</sub> O = 1)	1.08
Vapor Pressure (mm Hg.)	----	Melting Point	None
Vapor Density (AIR = 1)	-----	Evaporation Rate (Butyl Acetate = 1)	1
Solubility in Water: Complete			
Appearance and Odor: Clear solution, Faint odor:			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): None	Flammable Limits	LEL	UEL
Extinguishing Media: None			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards			

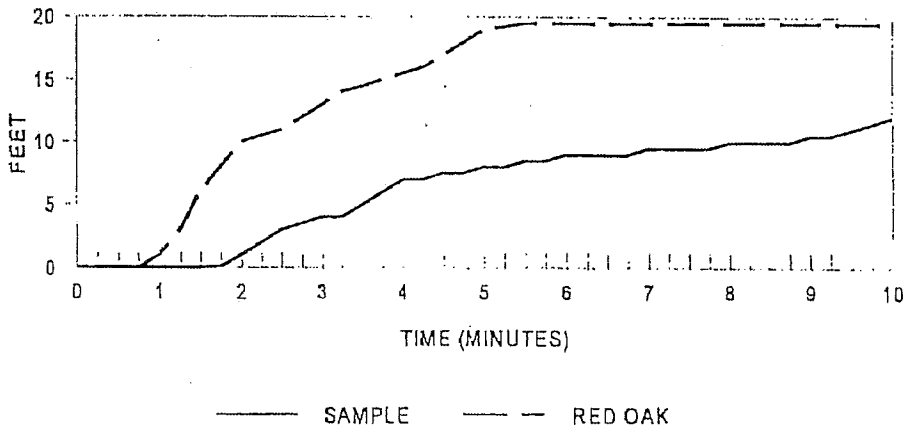


REPORT NUMBER: 114032-3  
DATE: 9/21/98  
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CLIENT: FIRE TECT

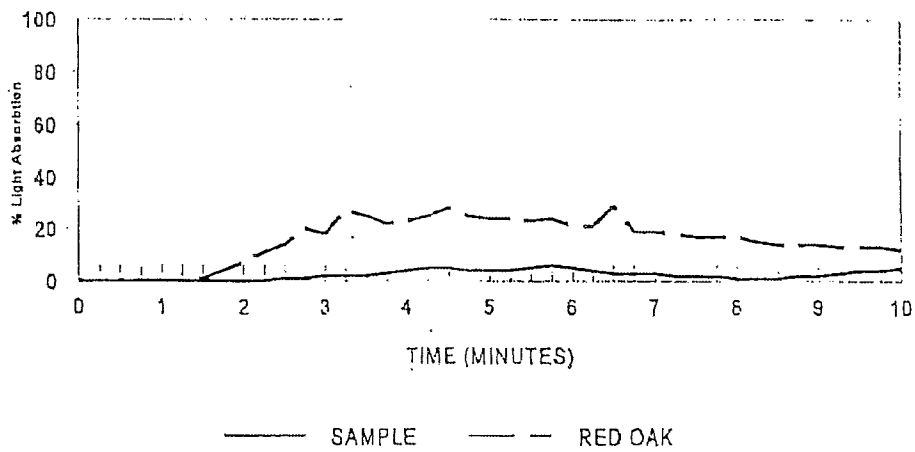
### FLAME SPREAD AREA

SAFE-T-GUARD TREATED 3/4" EXTERIOR GRADE PLYWOOD



### SMOKE DENSITY

SAFE-T-GUARD TREATED 3/4" EXTERIOR GRADE PLYWOOD



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End of Report

REPORT OF TEST

# Certificate of Flame Resistance

ISSUED BY

Registered Fabric or Concern Number	Date Treated
GA 1313.01	09-13-2013

**Guaranteed On Site**  
Certified Flame Retardant Applicators

65 E. Route 70  
Marlton, New Jersey 08053  
877-400-4333

This is to certify that the materials described on the reverse side hereof have been Flame-Retardant treated or are inherently nonflammable.

Name Fessenden Hall ADDRESS 1050 Sherman Ave

CITY Pennsauken STATE New Jersey 08110

Certification is hereby made that: (Check "a" or "b")

(a) The articles described on the reverse side of this Certificate have been treated with a flame-retardant chemical approved and registered by the State Fire Marshal and that the application of said chemical was done in conformance with the laws of the State of California and the Rules and Regulations of the State Fire Marshal. **\*\*\*FOR INTERIOR USE ONLY\*\*\***

Name of chemical used Safe-T-Guard Chem. Reg. No. C-10002

Method of application Spray

(b) The articles described on the reverse side hereof are made from a flame-resistant fabric or material registered and approved by the State Fire Marshal for such use.

Trade name of flame-resistant fabric or material used \_\_\_\_\_ Reg. No. \_\_\_\_\_

The Flame Retardant Process Used \*\*\*WILL\*\*\* Be Removed By Washing  
(will or will not)

By Michael Cappolina Name Michael Cappolina Title Applicator

\*\*\* FOR INTERIOR USE ONLY \*\*\*

Control No 13-920310

Customer Order No. 75

Customer Invoice: DT 132410

Yards or Quantity: 310 Boards

Color: Natural

Size/Type:

- 50/ 48" x 96" x 3/4" C-2 WPF Natural Birch VC
- 100/ 48" x 96" x 1/2" C-2 WPF Natural Birch VC
- 100 / 48" x 96 " x 3/4" AB Marine Fir VC
- 60 /48" x 96" x 1/2" AB Marine Fir VC

Treated Face, Back and All edges

Date Processed: September 13, 2013

New York City Certified

Cat. C15

Certificate No. 81433492

Approvals for fabric: California Chemical Approval #C-10002, NFPA 701 small and large scale; NFPA 701 Test #1, CA Title 117, CA Title 117, CA Title 19 Public Safety Section 1237, FAA 25,853 B, BFD IX1 MVSS302, State of Massachusetts, Boston Fire Code, British Standard 5852 PT 1 & PT 2 New York Authority, Title 1615 New York Certificate of Approval #5069

Approvals For Wood: ASTM E-84 UL 723 UBC No 42y NFPA 255, NFPA 703 Class II flame spread rating California Chemical Approval C-10002, ICBO #3656 City of Los Angeles Approval No 24303

