

# PRODUCT DATA SHEET

## SNUFF-IT FLAME RETARDANT

### FOR FABRICS, PAPER and WOOD

#### FABRIC

##### **FABRIC PRODUCT DESCRIPTION:**

SNUFF-IT is a non-hazardous, non-toxic Class 1 interior flame retardant for most fabrics on the market including natural, synthetics, metallic, nylons and the most delicate blends of fibers. Also works wonderfully on cardboard and paper. If applied properly, this product will not leave a white flaky residue behind. In most cases, this product will not change the hand of the fabric, will not dis-color or shrink the fabric. No smell and easy to apply on or off-site. When choosing fibers to flame-retard, the most difficult fibers are acrylic, acetate and nylons. Although pre-testing is recommended for all fibers, these fibers most definitely need to be pre-tested. **Allow a minimum of 24 hrs. cure time.** The state of CA requires application by a CA Certified Applicator to obtain documented certification.

##### **APPROVALS:**

California Chemical Approval #C-10002, NFPA 701, small and large scale; NFPA 701, Test No. 1, CA Title 117, CA Title 19 Public Safety Section 1237, FAA 25,853B, BFD IX-1, MVSS302, State of Massachusetts, Boston Fire Code, British Standard 5852 PT.1 & PT.2, New York Port Authority, Title 1615 Children's Sleepwear, ICBO, City of L.A. Approved.

##### **TESTING PROCEDURES:**

SNUFF-IT is ready to use. Applicator should wear chemical gloves, goggles and a respirator. Follow all fire safety precautions and test at your own risk. All items to be treated must be tested for verification of chemical amount, appearance, texture and performance results. SNUFF-IT will perform best if no other coating such as water repellent is on the surface. Cut two strips of specimen samples long enough for testing. Using a Hudson type orchard sprayer, apply at 40-90 PSI using a fan spray tip. Apply the chemical on one side of the first specimen and label. On the second specimen, apply the chemical on both sides and label. Let dry and cure for 3-72 hours, (average is 3-24 hours) and test. NFPA 705, Field Flame Testing Procedures are recommended for testing, although it does not guarantee acceptance by the fire authority. If results are not satisfactory, an additional light spray may be repeated or additional curing time may be required.

##### **APPLICATION PROCEDURES:**

User should determine the suitability of this product for its intended use. SNUFF-IT is ready to use and must be applied cautiously. Applicator should wear chemical gloves, goggles and a respirator. SNUFF-IT 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. Testing results will determine chemical amount and cure time. Certification requires application by a California State Certified Applicator to comply with requirements of the California State Fire Marshal.

#### Wood

##### **WOOD PRODUCT DESCRIPTION:**

SNUFF-IT is a non-hazardous, non-toxic, interior class B flame-retardant saturant for wood.

##### **APPROVALS:**

Meets ASTM E-84, UL 723, UBC No. 42y, NFPA 255, Class II flame spread rating, California Chemical Approval #C-10002, ICBO #3656, City of L.A. Approval No. 24303.

##### **APPLICATION PROCEDURES:**

Before using, user should determine the suitability of this product for its intended use. Ready to use. Applicator should wear chemical gloves, goggles and respirator. 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 40-60 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.

#### CARDBOARD AND PAPER

Due to various thickness of cardboard and paper, proper testing will determine application procedures.

## GENERAL INFORMATION FOR FABRIC AND WOOD

##### **TECHNICAL DATA:**

- Appearance - consistency of water. Weight - 5-gallon pails weigh 48 lbs.
- Storage - do not allow to freeze. Store between 40° and 100°F. Shelf life, 10 years if unopened.
- SNUFF-IT 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.

##### **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.