



FDNY

www.nyc.gov/fdny

Kam Chan P. E.
Lead Engineer / Administrative Engineer of Technology Management
Bureau of Fire Prevention

CERTIFICATE OF APPROVAL # 5808

**THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE
AND EXPIRES ON May 3, 2021**

May 4, 2018

Mr. Tom Andrews
President
Turning Star, Inc.
600 Willow Tree Road
Leonia, NJ 07605

Re: Certificate of Approval #5808
F.P. Index#: 1803058A FPIMS#: 38081345

Dear Mr. Andrews:

By order of Fire Commissioner, Daniel A. Nigro, and pursuant to Section 112 of the New York City Fire Code, the following equipment or material may be acceptable for use provided the conditions outlined below are in full compliance.

Applicant:	Rosco Laboratories	Manufacturer: Turning Star, Inc
Product:	Flame Retardant	
Trade Name:	Roscoflamex SF	
Pertinent Code Sections:	New York City Fire Code Chapter 8 (including Section 801.8) New York City Fire Department Rules 3 RCNY Sections 805-01 and 805-02	
Prescribed Tests:	NFPA Standard 701-10	
Testing Laboratory:	Commercial Testing Company	
	Test Report No: 17-04244	Issued on 04/14/2017
	Test Report No: 17-04230	Issued on 04/14/2017
	Test Report No: 17-04246	Issued on 04/14/2017
	Test Report No: 17-05046	Issued on 04/28/2017
	Test Report No: 17-04240	Issued on 04/14/2017
	Test Report No: 17-04222	Issued on 04/15/2017
	Test Report No: 17-04242	Issued on 04/14/2017
	Test Report No: 17-05048	Issued on 04/28/2017

Description:

Roscoflamex SF for Synthetic Fibers is a proprietary, non-durable flame retardant. It is effective for synthetic fabrics/textiles: polyester, rayon, nylon, spandex/ similar stretch fabrics, and wool.

Conditions of Approval:

1. Flame retardant treatment procedures, testing, certification and the use of flame-resistant materials shall comply with all applicable requirements of New York City Fire Code Chapter 8 and Fire Department Rules 3 RCNY Sections 805-01 and 805-02. In addition, all applicable requirements of other applicable law, rules, and regulations shall be complied with.
2. The application of flame retardant shall be conducted by or under the supervision of a person holding a Fire Department Certificate of Fitness. You may call (718) 999-1990 or visit the Fire Department website for information on how to obtain a Certificate of Fitness.
3. The use of the above referenced flame retardant shall be limited to: nylon, wool, spandex, polyester, and rayon. The method of application shall be by brush, dip or spray method. The formulation/chemical composition of the above referenced flame retardant shall be indicated in the application and shall not be changed in any way without prior written approval of the Fire Department.
4. The effectiveness of flame-resistant materials is significantly reduced when they are dry cleaned or washed. Flame-resistant materials that have been dry cleaned or washed shall be re-treated with flame retardant or removed from the premises. After the materials have been re-treated with flame retardant, the Certificate of Fitness holder must file a new affidavit with the Fire Commissioner.
5. When the materials have been accepted, they may be used on the premises for a period of up to three years or until the materials are washed, dry cleaned or otherwise rendered ineffective. This three years period is officially called the period of acceptance. After the period of acceptance has expired, the owner of the building may apply to renew acceptance. Acceptance will only be renewed after the materials have passed a new field flame test. Acceptance may be renewed for three years, after which time materials must be either be re-treated with flame-retardant or removed from the premises.
6. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant. The dry cleaning and washing of flame-resistant materials treated with the above referenced flame retardant must be recorded by the owner of the building and made available to Fire Department inspectors upon request.
7. The Fire Department's conditions of approval shall be enumerated in the user manuals and sales brochures that will be provided to New York City buyers and users.
8. The Fire Department may withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this approval or as represented in your application.
9. The Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product as represented meets the standards as of the date of issuance.

COA # 5808 for Turning Star, Inc.'s Flame Retardant

Trade Name: Roscoflamex SF

May 4, 2018

EXPIRES May 3, 2021

10. Any end user who fails to comply with the condition as outlined in this approval will be subject to enforcement action.

Any change in company name or ownership, product name, chemical composition or model number of any product included on this certificate must be immediately reported to this Department in writing.

Very truly yours,



Kam Chan, P.E.

KC: JN: COA#5808.doc