

PRODUCT INFORMATION

NCFR-154

NCFR-154 is a Class A and B, water based, fire retardant treatment for use over synthetic, natural fibers, paper and unfinished wood products. It has good temperature stability which yields economical drying speeds and its compatibility makes possible a wide dyestuff selection. Particularly recommended for the treatment of porous decorative materials.

Drapes	Upholstery	Rugs and Carpets
Bedding	Textile Wall Coverings	Unfinished Wood
Paper	Cork	Dried Grass and Flowers
Leather Hides	Interior Thatch	Foam
Bamboo	Straw and Hay	Cardboard

FEATURES

- Reduces the possibility of flame spread.
- Properly treated items will not support combustion.
- Eliminates afterglow.
- Reduces toxic fumes from toxic materials.
- Non-toxic.
- Not affected by multiple professional dry cleanings with non-water based cleaning compounds.
- Last for useful life of treated fabrics.

GENERAL DATA

Viscosity: 100-300 cps Wt./Gal.: 8.65 (Typical) VOC: None Packaging: 5 Gallon Pails / 55 Gallon Drums

TESTING

NCFR-154 will meet NFPA-701, NFPA-260, State of California Title 19, UL-214, FMVSS-302, ASTM E84 Class A and Class B and FAR 25.853 vertical flame test.

COVERAGE

One gallon of NCFR-154 will fire retard an average of 300 to 400 square feet of material, actual coverage on any single type of material may vary depending on the density, pile depth and the type of material being treated. Always pretest to determine the add-on required to achieve satisfactory flammability results before beginning treatment on a large scale.

APPLICATION

NCFR-154 can be applied by spray, brush, dipping or pad coating procedures. Drying may be carried out at normal drying temperatures but drying conditions should always be checked for final finish approval. A small test sample is always recommended prior of full treatment to assure acceptance of finished material.

POTENTIAL MARKETS

Office Buildings	Casinos	Hotels/Motels
Hospitals	Theatres	Funeral Homes
Parks	Zoo's	Nursing Homes
Night Clubs	Aircrafts	Schools

MATERIAL SAFETY DATA SHEET

Product Name:
NCFR 154

Product Use:
Water-based Fire Retardant Chemical

Section I

Manufacturers/Suppliers Name: American Fire Coatings, Inc	Emergency Number: 1-619-246-7339
Address (Number, Street, City, State and ZIP Code) 806 East Main Street J Broussard, LA 70518	Telephone Number for Information 1-337-837-4288
	Date Prepared 06-08-2014
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
None of the components in this chemical compound are listed by OSHA PEL or ACGIH TLV				
Non Toxic / Non Hazardous				

Section III—Physical/Chemical Characteristics

Boiling Point	220F	Specific Gravity (H ₂ O = 1)	1.15
Vapor Pressure (mm Hg)	760	Melting Point	N/A
Vapor Density (AIR = 1)	As Water	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Fully Soluble		
Appearance and Odor	Clear Liquid / No Odor		

Section IV—Fire and Explosion Hazard Data

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

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None Known
Incompatibility (Materials to Avoid)			
Hazardous Decomposition or Byproducts Ammonia			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None Known

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic) None Known			
Carcinogenicity	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure Prolonged skin contact or direct eye contact may cause irritation.			
Medical Conditions			
Generally Aggravated by Exposure			
None Known			
Emergency and First Aid Procedures			
Flush eyes with copious amounts of water, wash exposed skin areas with soap and water and drink two glasses of water if ingested.			

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled	
Contain spill and soak up with industrial absorbent. Scrape up any dry residue.	
Waste Disposal Method	
Landfill or incinerate with proper absorbent.	
Precautions to Be Taken in Handling and Storing	
Store at normal room temperatures. Keep containers sealed when not in use.	
Other Precautions	
Scrape up any dry residue.	

Section VIII—Control Measures

Respiratory Protection (Specify Type)		
Ventilation	Local Exhaust X	Special
	Mechanical (General)	Other
Protective Gloves	Not required	Eye Protection Safety classes
Other Protective Clothing or Equipment Not required		
Work/Hygienic Practices Always wash hands with soap and water after using product for normal hygiene practice.		