



**TURNING STAR, INC.**  
**FLAME PROOFING**

## TECHNICAL DATA SHEET

### SYNTHETIC FABRICS FLAME RETARDANT

- DESCRIPTION:** Synthetic Fabrics Flame Retardant is an ammonium bearing non-durable flame retardant.
- APPEARANCE:** Clear Liquid.
- USE:** Polyester, acrylic, and most synthetic fabrics and blends
- FINISH:** Leaves no residue. Will not affect the hand of the fabric
- APPLICATION:** Spray, brush or dip. Perform tests to determine appropriate soaking time or quantity required to achieve effective treatment.
- MIX RATIO:** Premixed, do not dilute.
- HAZARD:** May cause skin and eye irritation to sensitive people; apply in a well-ventilated area.
- COVERAGE:** Estimated 500 - 600 SF per gallon.
- DRYING:** Machine or air dry.
- COMPOSITION:** Ammonia - 1.5%  
Boiling Point - 212 °F                      PH - 6.7 to 7.1  
Specific Gravity - 1.15
- RATING & TEST APPROVALS\*:** NFPA 701                      NYC Test Bull. #44  
CSFM C-139.01                      NYC FD Cert of Approval #5022  
NYC BSA 1177-65-SM
- ADVANTAGES:** Non-toxic made of natural inorganic salts. Water based and easy to apply.

\* This data is based on tests, which we believe are reliable. They are for information only, as we are not responsible for operations not under our control.