

Material Safety Data Sheet



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® Flame Retardant

Section I – FireTect Safe-T-Guard Flame Retardant

Manufacturer's Name Firetect, Inc.	Emergency Telephone Number: (661) 298-8801
Address: 26951 Ruether Avenue, Unit D Canyon Country, CA 91351	Telephone Number for Information: (661) 298-8801 Fax Number is (661) 298-8851 www.firetect.com
Date Prepared: 01-05-98 Reviewed: 03-25-2010	

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
FireTect Safe-T-Guard Flame Retardant for Fabric, Wood and Decorative Material (Non-Hazardous Saturant)				
Water based flame retardant solution				
VOC: 0 Grams per liter pH: 6.5-7				
NON-HAZARDOUS, NON FLAMMABLE				
NFPA: Hazardous 0, Flammability 0 Reactivity 0				

Section III - Physical/Chemical Characteristics

Boiling Point	212° f	Specific Gravity (H ₂ 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: None			

Section V - Reactivity Data

Stability	Stable	X	Conditions to Avoid: Reacts with alkali to liberate ammonia and form polyphosphoric acid.
Incompatibility (Materials to Avoid): None			
Hazardous Decomposition or By products:			
Hazardous Polymerization	Will Not Occur	X	Conditions to Avoid: Will decompose on heating to form N #3.

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 (Specify Type): 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.		