

Material Safety Data Sheet



US Department of Labor

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) 295-Fire (3473)
Address: 28298 Constellation Rd. Valencia, CA 91355	Telephone Number for Information: (661) 295-3473 Fax Number is (661) 298-8851 www.firetect.com
	Date Prepared: 01-05-98 Reviewed: 11-2012

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(<i>optional</i>)
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.		