

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: Tree Safe - Flame Retardant Coating

Section I –Product Identification

Manufacturer's Name FireTect®	Emergency Telephone Number: (661) 295-3473
Address: 28298 Constellation Road Valencia, CA 91355	Telephone Number for Information: (661) 295-3473
	Date Prepared: 03-02-92 Reviewed: 03/2013

Section II - Hazardous Ingredients

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL None	ACGIH TLV None	Other Limits Recommended None	%(optional)
TREESAFE Flame retardant coating				21.8% Inorganic Phosphates
Non-Hazardous coating water based latex				18.4 % modified polyvinylidene chloride copolymer
VOC: 47 Grams per liter				3.4% sodium salt aromatic sulfonate
NON-HAZARDOUS, NON FLAMMABLE				41.9% liquid vehicle
NFPA: Hazardous 0, Flammability 0 Reactivity 0				

Section III – Physical Data/Chemical Characteristics

Boiling Point	212° f	Specific Gravity (H₂O = 1)	1.08
Vapor Pressure (mm Hg.)	None	Melting Point	None
Vapor Density (AIR = 1)	Equal to water	Evaporation Rate (Butyl Acetate = 1)	Less than water
Solubility in Water: Complete - dilutable in water.			
Appearance and Odor: Green liquid.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): None	Flammable Limit: None	LEL: None	UEL: None
Extinguishing Media: For dry solids use water foam CO ₂ or dry chemical fire fighting apparatus			
Special Fire Fighting Procedures: Closed container exposed to heat may rupture due to pressure build up			
Unusual Fire and Explosion Hazards:			

Section V - Reactivity Data

Stability	Stable	X	Conditions to Avoid: None
Incompatibility (<i>Materials to Avoid</i>): None			
Hazardous Decomposition or Byproducts:			
Hazardous Polymerization	Will Not Occur	X	Conditions to Avoid: None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation Yes	Skin Yes	Ingestion Unlikely
Health Hazards (<i>Acute and Chronic</i>): <u>Inhalation:</u> Overexposure may cause irritation. If not breathing give artificial respiration seek medical attention. <u>Skin Contact:</u> cleanse affected areas with mild soap and water. If irritation develops, seek medical attention. <u>Ingestion:</u> if drowsy or unconscious, place victim on left side with head down. Do not give anything by mouth; seek medical attention.			
Carcinogenicity: none according to Ames Test	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: Local Irritation			
Medical Conditions Generally aggravated by Exposure: If irritation or redness develops from exposure move victim away from source and into fresh air. 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 spilled material into suitable retaining areas or containers with large quantities of water. Small amounts may be absorbed into appropriate absorbent.
Waste Disposal Method: Dispose of product in accordance with applicable local, county, state and federal regulation.
Precautions to Be taken in Handling and Storing: Keep containers in cool, dry area. Use and store with adequate ventilation.
Other Precautions: Storage should not exceed 80° or fall below 40°. Do not allow to freeze. Once opened, contents should be used completely.

Section VIII - Control Measure

Respiratory Protection (<i>Specify Type</i>): Not mandatory.		
Ventilation	Local Exhaust:	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves: use of gloves that are impermeable to product is advised	Eye Protection: approved eye protection to protect against eye contact or irritation is recommended	
Other Protective Clothing or Equipment		
Work/Hygienic Practices: Wash hand with milk soap & water; it is recommended that clean water be available for flushing eyes and skin.		