



Safety Data Sheet (SDS) - WT-102 Latex Flame Retardant Coating

1. Identification			
Product Identifier	WT-102 Flame Retardant Coating with Adhesion Abilities		
Other means of Identification	Flame retardant coating.		
Recommended use	Refer to manufacturer sell sheet		
Recommended restrictions	Refer to manufacturer sell sheet		
Manufacturer name	Firetect, Inc.		
Address	28298 Constellation Rd. Valencia, CA 91355		
Country	USA		
Phone	661-295-3473		
Fax	661-295-3880		
E-mail	info@firetect.com		
Website	www.firetect.com		
2. Hazard(s) Identification			
Emergency overview	Irritant.		
Classification			
Hazard symbol☐	Category 5. No symbol.		
Signal word	Warning		
Potential health effects			
	Inhalation	May be harmful if inhaled. Short-term exposure may cause irritation of nose, throat, and lungs.	
	Eyes/Skin	May be harmful in contact with eyes/skin. Short-term exposure may cause irritation.	
	Ingestion	May be harmful if swallowed. Possible stomach irritation and nausea. If drowsy or unconscious, place victim on left side with head down. Do not give anything by mouth; seek medical attention.	
Environmental hazards	No known significant environmental effects.		
NFPA/HMIS classification	Health: 0 Flammability: 0 Reactivity: 0 0-Least, 1-Slight, 2-Moderate, 4-Extreme		
3. Composition/ Information on ingredients			
	Chemical name	CAS number	Percent
	Water	7732-18-5	37-46%
	Ammonium		
	Polyphosphate	68333-79-9	18-25%
	Pentaerythritol	155-77-5	3-12%
	Melamine	108-78-1	7-13%
	Other ingredients (Trade secret per 29 CFR 1910.1200)	-	4-35%
NO REPORTABLE HAZARDOUS INGREDIENTS			
4. First-aid measures			
	Inhalation	Remove person to fresh air. If necessary, seek advice of a physician.	
	Skin contact	Cleanse affected areas with mild soap and water. If irritation develops, seek medical attention.	
	Eye contact	In case of eye contact, flush with running water for at least 15 minutes. If irritation persists, seek advice of a physician.	
		If swallowed, induce vomiting and seek medical attention. If irritation persists, seek advice of a physician. If	
	Ingestion	drowsy or unconscious, place victim on left side with head down. Do not give anything by mouth; seek medical attention.	
5. Fire-fighting measures			
Suitable extinguishing media	For dry solids, use water foam, CO2, or dry chemical fire-fighting apparatus.		
Unsuitable extinguishing media	None.		
Specific hazards arising from the substance or mixture☐	None.		
Special protective equipment and precautions for fire-fighters☐	Closed container exposed to heat may rupture due to pressure and build up.		
6. Accidental release measures			
Personnel precautions	None.		
Environmental precautions	Avoid runoff into storm sewers, ditches, and waterways.		
Cleanup measures	Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts may be absorbed into appropriate absorbent.		
7. Handling and storage			
Precautions for safe handling☐	Avoid breathing mist. Avoid prolonged skin contact.		
Engineering controls	If sprayed inside, use local exhaust ventilation. Otherwise, general ventilation is adequate.		
Conditions for safe storage	Keep containers in cool, dry area. Use and store with adequate ventilation.		
Storage temperature	Do not allow to freeze. Store between 40°F and 80°F. Keep cap on container at all times.		
Shelf life	Shelf life is one year, if containers are unopened and kept from freezing at all times.		
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			Page 1 of 2

8. Exposure controls/PPE	
VOC	47 Grams/Liter
Exposure controls	Use appropriate engineering controls such as proper ventilation. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards.
Eye/Face protection	Wear goggles to avoid overspray and splashing. Eye and face protection should be in accordance with OSHA 29 CFR 1910.133.
Hand/Arm protection	Rubber or plastic gloves are recommended
Respiratory protection	Use an N-95 or P-95 mask. If sprayed, wear an air-purifying respirator approved by NIOSH in accordance with OSHA 29 CFR 1910.134(d)(1)(ii). If used in a confined area, a full-face, powered air-purifying respirator (PAPR) or supplied-air respirator (SAR) is recommended. Use respirators in accordance with 29 CFR 1910.134(d)(3)(i)(A) Table 1, 29 CFR 1910.134(d)(3)(iii)(B) and 29 CFR 1910.134(d)(3)(iv)(B).
9. Physical and chemical properties	
Appearance	
Physical state	Liquid.
Color	Color base and tinted black or white.
Odor	Faint odor.
Odor threshold	Not applicable.
pH	6.5
% volatile by vol	
Freezing point	<40°F
Boiling point	212°F
Specific gravity	1.08
Evaporation rate	Less than water.
Vapor pressure	None.
Vapor density	Equal to water.
Flashpoint	Not Applicable.
10. Stability and reactivity	
Reactivity	None.
Chemical stability	Stable.
Incompatible materials	Strong oxidizers.
Decomposition materials	Carbon dioxide, carbon monoxide.
11. Toxicological information	
Acute toxicity	
Potential health effects	<p>Inhalation May be harmful if inhaled. Short-term exposure may cause irritation of nose, throat and lungs.</p> <p>Eyes/Skin May be harmful in contact with eyes/skin. Short-term exposure may cause irritation.</p> <p>Ingestion May be harmful if swallowed. Possible stomach irritation and nausea.</p>
12. Ecological information	
Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulate potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.
13. Disposal considerations	
Waste disposal of product	Do not discard product into storm or waste water sewer systems.
Contaminated packaging	Dispose of in accordance with federal, state, and local regulations.
Container disposal	Plastic pails are recyclable. Rinse well before recycling or disposal. Dispose of in accordance with federal, state, and local regulations. Contact local authorities for further information.
14. Transport information	
Land transport USDOT	Non-hazardous product. Not regulated.
Marine transport IMDG	Non-hazardous product. Not regulated.
Air transport IATA	Non-hazardous product. Not regulated.
15. Regulatory information	
Additional safety, health and environmental regulations	Not applicable.
16. Other information	Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 and prepared to GHS.
Prepared by	Firetect®, Inc.
Disclaimer	It is the user's responsibility to ensure safe conditions for handling, storage, and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information given is presented in good faith and believed to be correct as of the date hereof, based on available data, material components, and similar materials. Firetect®, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used.
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