



Global Harmonized System - PC-201 Military Interior Flame-Retardant Coating For Foam

1. **Identification**

Product Identifier	PC-201
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 Road 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	-
Ammonium Polyphosphate	68333-79-9	18-25%
Pentaerythritol	155-77-5	3.4%
Melamine	108-78-1	-
Other ingredients (Trade secret per 29 CFR 1910.1200)	-	-
NO REPORTABLE HAZARDOUS INGREDIENTS		
4. **First-aid measures**

Inhalation	Remove person to fresh air. If not breathing, give artificial respiration. Seek medical attention.
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.

Ingestion		If swallowed, induce vomiting and seek medical attention. If irritation persists, seek advice of a physician. If 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 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.
Shelf life		Shelf life is one year, if containers are unopened and kept from freezing at all times.
8. Exposure controls/Personal protection		
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.
Personal protective equipment		
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		Olive Drab.
Odor		Faint odor.
Odor threshold		Not applicable.
pH		
% 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	
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.
12. Ecological information	
Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bio accumulative 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 discharge 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.	
Preparation information	
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.