

FIRE BLOCK FIRE RETARDANT SAFETY DATA SHEET

Fire Block Fire Retardant is a fire retarding agent specially formulated to effectively and safely retard all Class A and Fabric materials. Developed from the extraordinary life saving and fire fighting Cold Fire, rapid cooling fire extinguishing agent, Fire Block Fire Retardant is a unique and revolutionary product, which retards fires by stopping dangerous flames from spreading. Fire Block Fire Retardant works to actually form its own insulation barrier to prevent dangerous flames from spreading. Fire Block Fire Retardant also inhibits the development of hydrocarbon smoke. Fire Block Fire Retardant is non-flammable, safe to store, handle and use, leaves no residue; and is environmentally safe.

SECTION 1 - IDENTIFICATION

Manufacturer: Firefreeze Worldwide, Inc.
Address: 272 Route 46, Rockaway, N.J. 07866
Phone: (973) 627-0722 **Fax:** (973) 627-2982 **Email:** info@firefreeze.com
Formulation: FB500
Trade Name: Fire Block
Product Usage: Class A and fabric (textile) fire retardant

SECTION 2 - HAZARD IDENTIFICATION

HMIS RATING: Health: 0 Flammability: 0 Reactivity: 0

No components are believed to be hazardous or listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or are listed as hazardous by SARA, CERCLA, or RCRA. No OSHA PEL's are established for any of the other ingredients.

SECTION 3 - COMPOSITION

Components are classified trade secret.

Fire Block fire retardant is a water based fire retarding agent specially formulated to effectively and safely retard all Class A and specific fabrics according to NFPA 255 and NFPA 701.

SECTION 4 – FIRST AID

Skin: Flush affected area and wash with water.

Eyes: Immediately flush eyes with water for at least 15 minutes as per OSHA standards. Seek medical aid if irritation persists.

Inhalation: Negligible.

Ingestion: Drink water, do not induce vomiting, seek medical attention if necessary.

SECTION 5 – FIRE FIGHTING MEASURES

Non Flammable: Water based product, will not ignite.

SECTION 6 – ACCIDENTAL RELEASE

Spill or Leak Procedure: Rinse affected area with water. Will not harm environment.

Waste Disposal Method: Dispose as non-hazardous waste in accordance with local regulations.

SECTION 7 - HANDLING AND STORAGE

Storage and Handling Precautions: Store in temperatures from 32°F to 120°F in closed containers to prevent evaporation and deterioration. Freezing will not damage material as long as container remains intact.

Respiratory Protection: Not required, do not inhale for prolonged periods.

Ventilation: Under ordinary conditions of use for it's intended purpose, no special ventilation is required.

Protective Gloves: Wear if there is prolonged skin contact. Product will remove oil from the skin.

Eye Protection: Wear if needed to prevent reasonable probability of eye contact.

SECTION 8 – EXPOSURE CONTROL MEASURES

Work/Hygienic Practices: Do not ingest, splash into eyes, and do not inhale for prolonged periods.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F.

Solubility in water: 100%

pH: 7.0

Vapor Pressure (mm Hg): Same as water.

Specific Gravity: 1.09 @ 60°F.

Appearance and Odor: Opaque appearance, mild ammonia smell.

SECTION 10 – STABILITY AND REACTIVITY

Stability: Product is stable

Incompatibility: None

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon monoxide and Carbon dioxide

SECTION 11 – TOXICOLOGICAL INFORMATION

Biodegradability: Product is 100% biodegradable in an active environment within 21 days.

Toxicity: In accordance with U.S. EPA Office of Pollution Prevention and Toxins criteria for ranking the acute toxicity of chemicals, Fire Block, Fire Retardant is considered to be of low concern.

SECTION 12 – ECOLOGICAL INFORMATION

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose as non-hazardous waste in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

NMFC CODE: 69160

US DOT Hazard Class: Not regulated by DOT

US DOT Identification Number: Not applicable

SECTION 15 – REGULATORY INFORMATION

NFPA 255: Test of Surface Burning Characteristics of Class A Building Materials

ASTME-84: Standard test method for surface burning.

NFPA 701: Standard methods of fire tests for flame propagation of textiles and files.

SECTION 16 – OTHER INFORMATION

Preparation / Revision Date: February 9, 2016 – Rev. 1.0

The information presented in this MSDS is believed to be factual. However, nothing contained in this information is to be taken as a warranty of any kind by Firefreeze Worldwide, Inc. The user should review any recommendations, in the specific context of the intended use, to determine whether they are appropriate.