



# Material Safety Data Sheet

## Product Details

**Product Name:** FP200  
**Product Desc.:** Fire Rated Expanding Foam  
**Supplier:** Abesco LLC  
Unit 325  
9561 Satellite Blvd  
Orlando  
FL 32837  
**Telephone No.:** +1 407 851 3300  
**Emergency Telephone No.:** +1 407 851 3300

## Information on Ingredients

Ingredients	CAS	OSHA PEL	%
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	0.02 mg/m <sup>3</sup>	40-60
Halogenated polyetherpolyol	86675-46-9	-	10-15
Dimethyl ether	115-10-6	400 ppm (766 mg/m <sup>3</sup> )	1-5

## Physical / Chemical Characteristics

<b>Boiling Point:</b>	N/A	<b>Physical State:</b>	Aerosol
<b>Vapor Pressure:</b>	N/A	<b>Substance:</b>	Liquid
<b>Vapor Density (Air=1):</b>	N/A	<b>Appearance:</b>	Red liquid / foam.
<b>Solubility in Water:</b>	Insoluble		

## Fire and Explosion Hazard Data

<b>Extinguishing Media:</b>	Foam, Dry extinguisher, CO2 (Large fire – Water jet spray)
<b>Special Fire Fighting Procedures:</b>	In case of fire the following can develop: Danger bursting (explosion) when heated , toxic gases, oxides of nitrogen, oxides of carbon, isocyanates, hydrogen chloride, traces possible of hydrocyanic acid (hydrogen cyanide).
<b>Unusual Fire and Explosion Hazards:</b>	Protective respirator with independent air supply required. Dispose of contaminated extinction water according to official regulations.

## First Aid Measures

<b>If Inhaled:</b>	Remove person from danger area. Supply person with fresh air and seek medical advice. Respiratory arrest - Artificial respiration apparatus necessary. Delayed effects from exposure can be expected.
<b>If on Skin:</b>	Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), seek medical advice.
<b>If in Eyes:</b>	Contact lenses should be removed. Irrigate copiously with clean fresh water for at least 10 minutes holding eyelids apart, and seek medical advice.
<b>If Swallowed:</b>	Seek medical advice immediately.

### Exposure Controls / Personal Protection

<b>Ventilation:</b>	Mechanical or natural exhaust is recommended. Ensure ample fresh air is available.
<b>Eye Protection:</b>	Wear safety glasses / goggles meeting ANSI requirements and other appropriate protection.
<b>Skin Protection:</b>	Wear protective gloves and other appropriate protection.
<b>Respiratory Protection:</b>	In poorly ventilated areas and / or confined spaces, wear NIOSH / MSA Self-Contained Breathing Apparatus.

### Handling and Storage

<b>Usage Precautions:</b>	Keep away from sources of ignition - Do not smoke. Ensure good ventilation. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Wash hands before breaks and at end of work. Exposed employees should have regular medical check-ups. Use working methods according to operating instructions. Observe directions on label and instructions for use.
<b>Storage Precautions:</b>	Protect against moisture and store closed. Keep protected from direct sunlight and temperatures over 120°F. Ideal storage conditions between 50° to 70°F. Do not store in stairwells or gangways. Treat like other aerosols.

### Stability and Reactivity

<b>Stability:</b>	Stable under the recommended storage and handling conditions.
<b>Conditions to Avoid:</b>	Pressure increase will lead to danger of bursting, do not puncture or crease can. Protect from excessive humidity. Do not heat, expose to open flame or any sources of ignition. Do not smoke while using this product.
<b>Incompatibility:</b>	Upon dispensing, avoid contact with other chemicals and oxidizing agents. Exothermic reaction possible with: Water, Amines, Alcohols.
<b>Hazardous Decomposition:</b>	See Fire and Explosion Hazard Data.

### Shipping Information

<b>Domestic Ground:</b>	Consumer Commodity, ORM-D
<b>Domestic Air:</b>	Consumer Commodity, ORM-D Air
<b>International Air:</b>	Aerosols, Flammable, Class 2.1 UN 1950

This information is based upon present knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product. The user remains responsible for the suitability of products for any particular application.