

# General Purpose Polyurethane Expanding Building Foam

## 1 Material

- 1.1. One part aerosol applied expanding polyurethane foam. Cure is activated in the presence of atmospheric moisture.

## 2 Health Hazards

- 2.1. Aggressive isocyanate based adhesive; forms rapid, strong bond to skin.  
 2.2. Irritant to eyes, skin and mucous membranes / respiratory system. Causes sensitisation.  
 2.3. Harmful if ingested.  
 2.4. Ventilation is always required during curing.  
 2.5. Highly flammable propellant and foam  
 2.6. After curing the product is not hazardous.

## 3 Fire Hazards

- 3.1. **Extremely flammable propellant and foam**—avoid naked flames, cigarettes, sparks, use on high temperature substrates. Propellant is heavier than air and will collect in sumps.  
 3.2. **Extinguishers**—General purpose – Use CO<sub>2</sub>, powder or foam. Do not use water.  
 3.3. **FR Grade**—Use water, powder, foam. Do not use CO<sub>2</sub>.

## 4 Ingredients

Components	Parts
Polyethylene	Balance
Additives	2-5
Additives For Fr Grades	5 – 15
Decomposition Products Of Blowing Agent	1 – 6

## 5 Storage And Handling

- 5.1. **Extremely flammable propellant and foam**—avoid naked flames, cigarettes, sparks, use on high temperature substrates. Propellant is heavier than air and will collect in sumps.  
 5.2. **Extinguishers**—General purpose – Use CO<sub>2</sub>, powder or foam. Do not use water.  
 5.3. **FR Grade**—Use water, powder, foam. Do not use CO<sub>2</sub>.

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### 6 Hazardous Data

Fire And Explosion Extinguishing Media	Water – fog, foam, CO <sup>2</sup>
Special Fire Fighting Protection Equipment And Hazards Caution	Avoid dense smoke (use respirators) Alveolit® brand polyethylene foam is combustible and should not be exposed to flame or other sources of ignition

### 7 Reactivity

Stability	Under normal conditions, Alveolit® is perfectly stable
Incompatibility	The contact with strong oxidizing materials should be avoided
Decomposition Products from Combustion	Carbon Dioxide, Carbon Monoxide, Water (together 95–97%), Aethin (C <sub>2</sub> H <sub>2</sub> ) 2–4% Aethen (C <sub>2</sub> H <sub>4</sub> ) less than 1%, Ammonia less than 1%
Hazardous Polymerisation	Will not occur

### 8 Additional Information

**8.1.** Advice on the use of this product, please contact Fixing Point using the details located at the bottom of the document.