

## On-site Handling of YELOfon Extruded Polyethylene Rolls

### **Product**

YELOfon (PE)

### **Manufacturer**

CELLECTA Limited, Unit D, Norman Close, Medway Valley Park, Rochester, Kent, ME2 2JU

### **Composition**

Extruded polyethylene foam blown with butane, containing a yellow pigment. If required, a flame retardant additive is offered and is referenced "FR" grade

### **Physical properties**

Colour: Yellow

Appearance: Multi cellular flexible foam

Cell structure: Closed, non-cross linked

Density; 25kg - 45kg

Thermal conductivity; 0.045W/mk BS3837 Part 2:1990

Water solubility: None

Maximum working temperature: 80°C

Decomposition: > 285°C

Auto ignition temperature: >300°C

Fire rating (FR grade): Type A BS3837 Part 1:1986

Note: YELOfon is a non-hazardous material according to EU criteria.

### **Material stability**

Conditions to avoid: YELOfon should not be used where working temperatures exceed 80°C.

Chemical stability: YELOfon is stable under recommended storage conditions.

Materials to avoid: Oils, petrol, aromatic hydrocarbons and organic solvents.

### **Toxicological information**

Skin contact: YELOfon is considered to be physiologically inert and if handled correctly will not have any adverse effect.

Eye contact: Solid or dust particles may cause irritation or corneal injury due to mechanical action.

**First Aid**

Never give fluids or induce vomiting if patient is unconscious or having convulsions.

Inhalation: If any effects occur remove to fresh air and consult a physician.

Skin contact: No adverse effect anticipated.

Eye contact: Mechanical irritation only. Wash with cold water for at least five minutes.

Ingestion: Consult a physician.

**Storage**

YELO<sup>fon</sup> rolls are packed in polythene bags and should be protected from long periods of exposure to ultra-violet light with a tarpaulin.

**Fire fighting measures**

Protection to fire fighters: Protective-pressure self-contained breathing apparatus and full protective fire-fighting clothing must be worn.

Extinguishing tool: Fine spray, water fog, powder and CO<sub>2</sub> extinguishers.

Combustion products: Tests have shown that YELO<sup>fon</sup> is no more toxic than that of combustion products of common building material, such as wood.

Method of fire fighting: Extinguish the fire with powder CO<sub>2</sub>, or apply a large volume of water directly on the flame of the burning surface. Soak thoroughly with water to cool and prevent re-ignition.

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Should further information be required, contact our technical office on **08456 71-71-74**