

On-site Handling of YELOfon Extruded Polyethylene Rolls

Product

YELOfon (PE)

Manufacturer

CELLECTA Limited, Units 5 & 6 Burnt Ash Road, Aylesford, Kent, ME20 7XB

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 exceeding 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. Material, 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 is having convulsions.

Inhalation: If the affects occur remove to fresh air and consult a physician.

Skin contact: No adverse affect anticipated.

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

Ingestion: Consult a physician

Storage

The rolls are packed in polythene bags. The rolls 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 CO₂ extinguishers.

Combustion products: Test have shown that *YELOfon* is no more toxic than of combustion products of common building material, such as wood.

Method of fire fighting: Extinguish the fire with powder CO₂, 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.

Should further information be required, contact our technical office on (08456) 717174