

*Polyurethane foams are **not** hazardous products nor hazardous mixtures of dangerous substances. They are identified as industrial polymers. According to EU Regulation 1907/2006EC (REACH) Polyurethane foams are defined as “articles” and in that respect they are not bound to an obligation for a Safety Data Sheet.*

*Nevertheless, in order to provide customers with useful information on products’ main characteristics we prepared this Product Information Data Sheet which shows a structure similar to a Safety Data Sheet for dangerous substances and mixtures.*

## **1. Identification of the product and the company**

### **1.1. Identification of the product**

Brand names:

Eurofloor, Euroroof, Euroroof Max, Eurosol, Eurotan, Eurotoit, Eurotoit Montagne, Eurowall, Eurowall +, Eurowall cavity, Eurowall E, Eurowall Impact,

Eurothane Autopro SI, Eurothane Bi4, Eurothane Bi4 A, Eurothane Br Bio (F), Eurothane Eurodeck, Eurothane Ewall, Eurothane G, Eurothane G (PL), Eurothane G Doublage, Eurothane G Hydro, Eurothane G Hydro (PL), Eurothane GP, Eurothane Mur (F), Eurothane PL, Eurothane SD-LL (F), Eurothane Silver, Eurothane Silver A, Eurothane Silver A (F), Eurothane Silver E, Eurothane Silver E FR, Eurothane Silver Impact, Eurothane S/White,

Powerboard White, Powerdeck +, Powerdeck F, Powerdeck F A, Powerdeck F (UK), Powerdeck U, Powerfloor, Powerroof, Powerroof Max, Powerwall, Powerwall +, Powerwall (F), Powerwall Pro, Powerwall S,

Fitforall (F), Instafit , IP PIR, IP PIR 022, PL Base board, Plylok, PU-ISOL-THERM(F), Top Cover, Bio Palletshipper.

Field of application:

Factory made rigid polyurethane and polyisocyanurate foam for thermal insulation for buildings according to the product standard EN 13165.

### **1.2. Identification of the producer**

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## **2. Composition of the product**

### Core:

Rigid thermoset polyurethane or polyisocyanurate foam, created from a reaction of a diisocyanate and a polyol by means of a blowing agent, controlled by catalysts, stabilizers and other additives and covered by a facing.

Note: the finished product does not contain free diisocyanates.

### Facings:

Aluminium, Multilayer composite, Coated glass fleece, Bitumen coated glass fleece

## **3. Identification of the hazards**

Adverse effects on human health or the environment:

- ◆ The product produces intense heat and dense smoke when burning (see point 5). It is better not to inhale the smoke.
- ◆ In case of dust: The processing of our products must always be done in a well-ventilated environment. Dust must be avoided as much as possible by using specific cutting tools. Wearing the necessary personal protective equipment is strongly recommended. (see point 8).

## **4. Safety measures in case of an emergency**

In case of inhalation of large amounts of dust during the production process:

- ◆ bring the victim in the open air when he has difficulty breathing;
- ◆ if the symptoms persist, consult a doctor.

In case of ingestion of the dust:

- ◆ drink large amounts of water and rinse the mouth thoroughly.

In case of contact with the eyes:

- ◆ rinse the eye thoroughly with clean water for approximately 10 min;
- ◆ if the symptoms persist, consult a doctor.

In case of cuts:

- ◆ clean and disinfect the wound;
- ◆ if necessary, apply a bandage and consult a doctor.

## **5. Fire Extinguishing Methods**

Advised extinguishing media: water, foam, CO<sub>2</sub> or dry powder.

In case of a fire, decomposition products may be generated, such as soot, carbon monoxide, carbon dioxide, gaseous hydrocarbons, products containing nitrogen and, under certain conditions of combustion, hydrocyanic acid HCN.

Firefighters are advised to wear self-contained breathing apparatus.

## **6. Safety Measures in case of accidental spreading of the product**

None

## **7. Safety Precautions for handling and storage**

### **7.1. Handling**

#### General

It is recommended to wear gloves when handling the plates.

Do not expose the product to flame for a long time and keep it away from a heat source.

#### Processing/Cutting

During intensive processing and sawing activities, large quantities of dust may be released. In that case, an extraction system must be provided as a preventive measure.

The dust bags must be stored in an easily accessible place. The interior must be sufficiently ventilated. We recommend using specific cutting tools to minimize dust production. The use of the necessary personal protective equipment is strongly recommended. (see point 8)

#### Warehouse

Drivers of fork-lift trucks must have the right skills (driving the fork-lift truck, transporting/stacking pallets, ...)

During (un)loading the finished products, the pallets must be checked for damage and stability before stacking (see 7.2 Storage).

### **7.2. Storage**

#### General

Store away from heat sources and ignition hazards (open flames, torches, electrical heater, cigarettes, ...), on a dry and level surface.

Packing materials: plastic film, wood and/or cuts of the product.

#### Warehouse

Do not stack damaged packs/pallets

We advise stacking the packs/pallets max. 3 m high and avoiding pedestrian traffic in the warehouse.

Avoid storing the product in the same room as flammable materials.

A proper ventilation installation must be foreseen in the storage room.

## **8. Control Procedures in case of exposure**

### **Characteristics of the personal protective equipment**

#### **8.1. General Measures**

Avoid contact with or keep away from heat sources (smoking ban).

Our products should always be processed in a well-ventilated environment. For intensive processing and cutting activities, it is recommended to install a good dust extraction system. It is recommended to use specific sawing and cutting tools that produce as little dust as possible.

#### **8.2. Personal Protective Equipment**

Respiratory protection (for intensive processing and cutting activities without an extraction system): Wearing a P3 dust mask is recommended in a non-dust-free environment.

Eye protection: Wearing safety glasses (when cutting) or sunglasses (when installing products with an aluminum surface in sunny weather) is recommended.

Hand protection: it is recommended to wear protective gloves, preferably hard gloves. If soft gloves are used, it is recommended to replace them regularly.

## **9. Physico-chemical characteristics**

- ◆ Aspect: solid
- ◆ Colour: beige  
facings in different colours and composition are possible
- ◆ Odour: Negligible
- ◆ Core density: 28 to 60 kg/m<sup>3</sup> (at 20°C and depending on the thickness)
- ◆ Auto ignition temperature: > 300°C
- ◆ Risk of explosion: not applicable (except for dust particles floating in the air, see point 8)

## **10. Stability and responsive ability of the product**

The product is stable under normal application conditions.

- ◆ Conditions to avoid: Prolonged contact or proximity to a heat source.
- ◆ Materials to avoid: None if the product is used according to the product's technical documentation and approvals.

## **11. Toxicological Data**

There are no known adverse health effects arising from handling or using the product as supplied

- ◆ Inhalation: no known toxic risk.
- ◆ Ingestion: no known toxic risk.
- ◆ Contact with the skin: no known toxic risk.
- ◆ Contact with the eyes: no known toxic risk.

## **12. Ecotoxic Data**

- ◆ Manoeuvrability of the product: The product floats, given the fact that its density is lower than that of water.
- ◆ Degradability: The product is not biologically degradable and is insoluble ( it does not disintegrate in contact with water).
- ◆ Bioaccumulation potential: The product is not toxic and is stable. There is no release of organic substances
- ◆ Harmful for the environment: The used blowing agents are conform the current regulations concerning ozone depletion.

## **13. Waste processing**

Waste product, including packaging, should be disposed of in accordance with national waste handling legislation.

## **14. Transport**

The product is not dangerous according to current transport legislation.

## **15. Regulation Information**

No labelling is currently required for this material by existing EU Regulation on Classification, Packaging and labelling of substances and mixtures (1272/2008/EC)

## **16. Other Information**

This data sheet adds to the existing technical information but does not replace it.

The information given in this data sheet is based on our knowledge of the product at that time. It is given in good faith and refers only to those products named in this document. The



**recticel**

information is no longer valid in case the product is combined with other materials and does not refer to the production process.

We would like to draw the user's attention to the possible risks connected to the application of the product for purposes other than those it was conceived for.

This data sheet does not release the user from knowing and applying current regulation. He is responsible for taking the necessary precautions typical for the product's use.