

# Material Safety Data Sheet

## E-STEP PROTECTION MAT

Accessories

### 1 Composition

- 1.1 Description: high density, pressed and vulcanised granular rubber mat, consisting of mixtures of natural rubber and synthetic rubber from the recovery of the P.F.U. (ELTs) related polyurethanes polymerised in mass. The main components are:

Rubber granulate from recycled tyres

Polyurethane prepolymer binder

### 2 Hazard identification

- 2.1 The product's components do not present a hazard under normal circumstances. Avoid exposure to temperatures  $> 130^{\circ}\text{C}$  and continued contact with open flames.

### 3 First aid

- 3.1 After contact with skin or eyes, no special measures required.
- 3.2 In case of fire: if combustion gases are inhaled, move affected person to fresh air, if required, perform artificial respiration.
- 3.3 Call a doctor.

### 4 Fire fighting measures

- 4.1 Firefighting materials to be used: water, foam. In the event of smoke, wear appropriate respiratory protection in enclosed spaces. Avoid the inhalation of smoke and combustion gases.

### 5. Accidental release measures

- 5.1 Not applicable

### 6. Handling and storage

- 6.1 Handling: There are no specific requirements for the handling of the product.
- 6.2 Storage: This material should be stored with care and common sense. Adequate spaces between the rows of pallets must be provided for the purposes of safe handling.

### 7. Personal protection - exposure controls.

- 7.1 Respiratory protection: In case of storage at higher temperatures without ventilation, as a preventive measure, use suitable breathing appliances against powders or fumes.
- 7.2 Protection of hands: Use protective gloves when cutting.
- 7.3 Eye protection: Use appropriate protective glasses when cutting.
- 7.4 Protection of the body: Use protective clothes and shoes during production and application.

### 8. Physical and chemical properties

- 8.1 Appearance: consistent semi-rigid sheets of 100cm wide, length max. 1500cm - in various thicknesses.
- 8.2 Odour: odourless.
- 8.3 Danger of explosion: none.
- 8.4 Density 950 kg/m<sup>3</sup> (± 3%)
- 8.5 Heat resistance: up to + 130 ° C for a short period.
- 8.6 Resistance to cold: up to - 120 ° C
- 8.7 Decomposition temperature :> 160 ° C
- 8.8 Auto ignition: > 300 ° C
- 8.9 Flash point: > 400 ° C
- 8:10 Strength fire rating : B2 according to DIN 4102
- 8:11 Solubility: insoluble in water, slightly solvent in organic solvents.

## 9 Stability and reactivity

9.1 Conditions to avoid: Exposure to temperatures > 130 ° C and continued contact with open flames.

## 10 Toxicological information

10.1 The material is considered to be toxicologically inert.

## 11 Ecological information

11.1 The material is devoid of any environmental impact and does not contain substances that damage the ozone layer. The material does not contain and is not produced by the substances listed in Montreal Protocol, as substances that damage the ozone layer, and the corresponding directives: EEC 594/91, 3952/92, 93 / C 232/07.

## 12 Disposal

12.1 The product is fully recyclable.

## 13 Transport information

13.1 Limitations: No limitations regarding transportation.

## 14 Regulatory information

14.1 Provisions: no provision concerning the packaging, identification and classification, or concerning health and the environment.