

# Security data card

Prepared in accordance with Commission Regulation / EC / 453/2010  
and under Act 67/2010

**STERED®**

Card issuance: 0103 2018

## **1. Product identification**

STERED is a heat-insulating and sound-insulating and retention material produced as a bulk product or in recycled carpet boards.

### **1.1. Product use**

STERED is used for thermal and acoustic insulation of buildings, and as a retention component in applications for water retention and water vapor resistance of building components and industrial equipment.

### **1.2 Identification of the company or manufacturer**

Manufacturer: PR Krajné s.r.o. STERED

Krajné č.874

916 16 Krajné

Tel: +421 32 7480470

Emergency telephone: +421 2 54 774 166, mobile: +421 911 166 066

Emergency address: Toxicology and Information Center

Department of Occupational Medicine and Toxicology

FNSP academic L. Dérer, Limbová 5

833 05 Bratislava

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

STERED is made from recycled car carpets and PUR material.

## **3. Risk identification**

STERED is not classified as a hazardous material and does not present adverse effects on health and the environment.

### **3.1 The most serious adverse effects on human health**

STERED is not classified as dangerous to health. Adverse reactions are not expected with the recommended use.

### **3.2 The most serious adverse effects on the environment**

STERED is not classified as dangerous for the environment.

### **3.3 The most serious adverse effects in terms of physico-chemical properties**

Not applicable.

### **3.4 Misuse and other hazards**

Not applicable. The recommended use is given in the instructions for use.

## **4. First aid measures**

### **4.1 Immediate medical attention**

It is not necessary under normal conditions of normal use.

### **4.2 Most important symptoms and purposes, both acute and delayed**

In case of health problems, or in case of doubt, inform your doctor and provide him with information from this safety data sheet.

### **4.3 In contact with skin**

Wash skin with soap and water or any other suitable detergent. After washing, treat the skin with a suitable regenerating cream.

#### **4.4 Eye contact**

Wash eyes thoroughly with clean lukewarm water. If any symptoms persist, seek medical attention.

#### **4.5 Ingestion**

Not evaluated, for this extreme rinse mouth with clean water and seek medical advice.

### **5. Fire-fighting measures**

#### **5.1 Extinguishing media**

In case of fire, extinguishing media should be used taking into account the surrounding environment, especially extinguishing agents such as water and foam.

#### **5.2 Unsuitable extinguishing media**

Unsuitable extinguishing media are not known for STERED.

### **6. Accidental release measures**

#### **6.1 Personal precautions**

Wear suitable protective equipment, including personal protective equipment.

#### **6.2 Environmental precautions**

There are no specific requirements.

#### **6.3 Recommended cleaning and disposal methods**

The most preferred method of purification is mechanical removal of the product.

### **7. Handling and storage**

#### **7.1 Precautions for safe handling**

Wear personal protective equipment such as work clothes, shoes, gloves, and keep the workplace clean.

#### **7.2 General hygiene in the working environment**

Do not eat, drink or smoke when working with STERED. Wash your hands after work with clean water and soap.

#### **7.3 Conditions for safe storage**

Store STERED in its original packaging. Store in dry and clean stores. No special requirements for storage.

### **8. Exposure controls - personal protection**

#### **8.1 Control parameters, exposure limit values**

STERED does not contain a substance for which exposure limits are set.

#### **8.2. Recommended indicators for monitoring the most relevant substance**

Not specified for STERED.

#### **8.3 Exposure scenarios**

Not yet.

#### **8.4 Appropriate technical support**

When working in an enclosed room, ventilate the work area and follow common hygiene measures. Wear protective clothing, shoes, gloves and protective goggles. Do not eat, drink or smoke while you work. Follow the instructions of the technological procedure that determines the assembly and use of the product.

#### **8.5 Individual protection measure**

##### **8.5.1 Respiratory protection**

Not required for normal handling. Wear a protective respirator when handling bulk material STERED.

##### **8.5.2 Hand protection**

Suitable protective gloves are commonly used.

##### **8.5.3 Eye protection**

Protective goggles or a protective shield are suitable.

##### **8.5.4 Skin and body protection**

Wear suitable protective clothing and footwear.

##### **8.5.5 Environmental exposure control**

There are no special requirements for this exposure.

## **9. Physical and chemical properties**

**9.1 Physical state:** solid.

**9.2 Color:** black gray.

**9.3 Odor:** odorless.

PH (extract): 7 to 8.5

**9.5 Boiling point:** not evaluated.

**9.6 Explosion hazard:** not explosive.

**9.7 Water solubility:** not soluble.

9.8 Bulk density: 120 to 250 kgm<sup>-3</sup>.

**9.9 Explosive properties:** non-explosive.

**9.10. Melting point:** 140o C.

**9.11 Viscosity:** not evaluated.

**9.12 Vapor pressure:** not evaluated.

## **10. Stability and reactivity**

When stored according to section 7.3 of this safety data sheet, the product is stable and does not spontaneously decompose.

### **10.1 Conditions to avoid**

Not rated.

### **10.2 Materials to avoid**

Not rated.

### **10.3 Hazardous decomposition products**

None.

### **10.4 Hazardous reactions**

None.

### **10.5. Other requirements for stability and reactivity**

They are not known

## **11. Toxicological information**

### **11.1 Product toxicity**

Effects dangerous to human health when used according to instructions and adherence to personal hygiene have not been observed.

### **11.2 Acute oral toxicity**

No visible toxicological or pharmacological changes were observed during use and testing.

## **12. Ecological information**

### **12.1 Toxicity**

The product and its ingredients are not classified as dangerous, according to the Act on Chemical Substances and Chemical Preparations as amended it is not classified as dangerous for the environment.

### **12.2 Toxicity to other environments**

Not provided.

### **12.3 Persistence and degradability**

Not determined for the product, not determined.

## **13. Disposal measures**

When disposing of any waste it is necessary to comply with the valid regulations and Act no. 409/2006, full wording of Act no. 223/2001. Any waste can also be disposed of as construction waste in an authorized landfill.

Each waste is also recyclable and can be reused in the production of STERED.

## **14. Transport information**

The product is not a dangerous good under international and national transport regulations.

Always transport the product in normally covered and clean vehicles.

#### **14.1 Land transport ADR**

The product is not dangerous for ADR land transport.

#### **14.2 Transport by RID**

The product is not dangerous for transport by rail.

#### **14.3 ICAO / IATA Air Transport**

The product is not dangerous for air transport, there are no special conditions.

### **15. Regulatory information**

There are no special requirements. The following S-phrases and R-phrases apply to the product.

S2 Keep out of reach of children

S20 Do not eat or drink while working

S21 Do not smoke while working

S25 Avoid contact with eyes

S36 Wear suitable work clothing, gloves, and eye protection

S46 If swallowed, seek medical advice

#### **16. Product legislation**

Regulation (EC) No 1782/2003 of the European Parliament and of the Council 1272/2008

Regulation (EC) No 1782/2003 of the European Parliament and of the Council 1907/2006

COMMISSION REGULATION (EC) No. 987/2008

COMMISSION REGULATION (EC) No. 340/2008

COMMISSION REGULATION (EC) No. 453/2010

Regulation (EC) No 1782/2003 of the European Parliament and of the Council 850/2004

Commission Directive no. 91/322 EEC

Commission Directive no. 2000/39 EC

Commission Directive no. 2006/15 / EC

Council Directive No. 98/24 / EC

#### **16.1 National regulation**

Government Regulation No. 355/2006 Coll.

Government Regulation No. 356/2006 Coll

Government Regulation No. 301/2007 Coll.

Government Regulation No. 391/2006 Coll.

Government Regulation No. 395/2008 Coll.

Government Regulation No. 35/2008 Coll.

Decree of the Ministry of Health No. 448/2007 Coll.

Decree of the Ministry of Health No. 550/2007 Coll.

Act no. 409/2006 Coll.

Act no. 364/2004 Coll.

Decree of MZP SR no. 283/2001 Coll.

Decree of MZP SR no. 284/2001 Coll.

Act no. 435/2001 Coll.

Act no. 143/1998 Coll.

### **17. Other information**

The information in this safety data sheet applies to STERED products. The information in this tab is presented to you in good faith as correct. The data presented corresponds to the current state of knowledge and our knowledge

and experience in production as well as in implementation.

It is the user's responsibility to use this product safely and in accordance with applicable European and national regulations and provisions.

Also, the data provided does not establish any contractual legal relationship.