

## MIXTURE SAFETY DATA SHEET

Piro Collar PC fire protection collar

### Section 1: Identification of the mixture and identification of the company.

**1.1 Product identifier:** Piro Collar PC fire protection collar

**1.2 Relevant identified uses of the mixture and uses advised against:**

The Piro Collar PC fire-protection collar is designed for fire retardant sealing of transitions of single PVC pipes (PE, PE or PP), as well as of steel and copper pipes. For professional use.

**1.3 Details of the supplier of the safety data sheet:**

Pirosystem Sp. z o.o.

ul. Ogrodnicza 3A

83-021 Wiślina

Tel.: +48 58 342 23 85 (8am - 4pm)

Fax:+48 58 342 24 00

e-mail: [biuro@pirosystem.pl](mailto:biuro@pirosystem.pl)

**1.4 Emergency telephone number**

tel.: +48 58 342 23 85 (8am - 4pm)

The emergency telephone numbers for toxicological information according to regions can be found in section 16.

### Section 2: Hazards identification

**2.1 Classification of the mixture:** The mixture has not been classified as hazardous.

Classification according to Regulation (EC) No. 1272/2008 of 16 December 2008 on the classification, labelling and packaging of substances and mixtures (CLP)

Health hazards:

None.

Physical hazards:

None.

Environmental hazards:

None.

Classification according to Council Directive 67/548/EEC:

None.

**2.2 Marking elements:**

None.

**2.3 Other hazards:** None.

The mixture does not meet the PBT and vPvB criteria in accordance with Annex 13 to Regulation (EC) No. 1907/2006.

### Section 3: Composition and information on ingredients

**3.2 Mixture**

Description of the mixture: The product is composed of elastic inserts made of thermoplastic materials, containing dispersed graphite with the addition of fillers; swelling at temperatures above 140 °C. Hazardous ingredients:

The mixture contains no hazardous substances.

### Section 4: First aid measures

**4.1 Description of first aid measures**

**Routes of exposure:** None.

**If inhaled:**

Exposure in such way does not occur.

**After contact with skin:**

Exposure in such way does not occur.

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### Eye Contact:

Exposure in such way does not occur.

**If swallowed:** Exposure in such way does not occur.

### 4.2 Most important symptoms and effects, both acute and delayed

None.

### 4.3. Indication of any immediate medical attention and special treatment needed

None.

## Section 5: Fire fighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Carbon dioxide, foam, powder, or water jet.

#### Prohibited extinguishing media:

None.

### 5.2. Particular hazards related to the mixture

The mixture is not flammable.

### 5.3. Advice for fire fighters

None.

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No particular requirements.

### 6.2 Environmental precautions

No particular requirements.

### 6.3 Methods and material for containment and cleaning up

Collect the product mechanically.

### 6.4 References to other sections

Personal protective equipment - section 8. Waste handling – section 13.

## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

No particular requirements.

### 7.2 Safe storage conditions, including information on any incompatibilities

Store in a dry room.

### 7.3 Specific end use(s)

None.

## Section 8: Exposure controls and personal protection means

### 8.1 Control parameters

Hygienic norms for the working environment in accordance with the Regulation of the Minister of Labour and Social Policy of 29 November 2002 on the Highest Permissible Concentrations and Intensities of Harmful Factors in the Working Environment (Journal of Laws No. 217/2002, item 1833, as amended).

The mixture does not contain substances subject to occupational exposure control.

### 8.2. Exposure controls

#### Suitable technical control measures:

No recommendations.

#### Individual protection means:

**Eyes and face protection:** No recommendations.

**Skin protection:** Work clothes made of dense fabric.

**Hand protection:** Use protective gloves.

**Airways protection:** No recommendations.

**Environment exposure control:** No recommendations.

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### Section 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	elastic band, charcoal colour
<b>Fragrance:</b>	none
<b>pH value at 20°C:</b>	N/A
<b>Boiling temperature:</b>	N/A
<b>Melting/freezing point:</b>	no data available
<b>Flash point:</b>	N/A
<b>Flammability:</b>	no
<b>Explosive properties:</b>	no
<b>Oxidizing properties:</b>	no
<b>Vapour pressure 20°C:</b>	N/A
<b>Density at 20°C:</b>	no data available
<b>Solubility</b>	not soluble in water
<b>Viscosity;</b>	N/A
<b>Other properties:</b>	none

#### 9.2 Other information:

None.

### Section 10: Stability and reactivity

#### 10.1 Reactivity

The mixture is not chemically reactive.

#### 10.2. Chemical stability

The mixture is chemically stable.

#### 10.3. Possibility of hazardous reactions:

None.

#### 10.4. Conditions to avoid:

None.

#### 10.5. Incompatible materials:

None.

#### 10.6. Hazardous Decomposition Products:

None.

### Section 11: Toxicological informations

#### 11.1 Information on toxicological effects

**Acute toxicity:** None.

**Routes of exposure:** None.

**Possible effects of exposure to the mixture through:**

**Respiratory tract:** None.

**Contact with skin:** None.

**Eye contact:** None.

**Digestive tract:** None.

### Section 12: Ecological information

#### 12.1 Toxicity:

None.

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### 12.2 Persistence and degradability:

None.

### 12.3 Bioaccumulative properties:

None.

### 12.4 Mobility in the soil

The mixture is not mixed with water and must not spread in water and soil.

### 12.5 Results of the assessment of PBT and vPvB characteristics

The mixture contains no substances considered to be PBT or vPvB

### 12.6. Other adverse effects:

No data.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Waste from the mixture can be stored and disposed of with household waste.

According to the Act on waste of 14 December 2012 (Journal of Laws No. 0 item 21), and the Regulation of the Minister of the Environment of 27 September 2001 on the waste catalogue (Journal of Laws No. 112, item 1206).

## Section 14: Information on transport

The mixture is not subject to international regulations on the transport of dangerous goods.

## Section 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18/12/06 on the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) and establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (EU Official Journal L 396 of 30/12/06, as amended),
- Regulation (EC) No. 1272/2008 of 16.12.2008 on the classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No. 1907/2006 (EU Official Journal L 353 of 31/12/08),
- Regulation (EC) No 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (EU Official Journal L 204 of 31/07/08),
- The Act on chemical substances and their mixtures of 25 February 2011 (Journal of Laws 63, item 322),
- Regulation of the Minister of Health of 10.08.2012 on criteria and the method of classification of chemical substances and their mixtures (Journal of Laws 2012, item 1018),
- Regulation of the Minister of Health of 11 June 2012 on the category of dangerous substances and dangerous mixtures, the packaging of which is equipped with child-resistant closures and a tactile warning of danger (Journal of Laws 2012, item 688),
- Regulation of the Minister of Health of 22 May 2012 on the way of marking places, pipelines, and containers and tanks used for storing or containing dangerous substances or dangerous mixtures (Journal of Laws, No. 601),
- Regulation of the Minister of Health of 20 April 2012 on Labelling of Packaging of Hazardous Substances, Hazardous Mixtures and Some Mixtures (Journal of Laws 2012, item 445),
- The Act of 14/12/12 on waste (Journal of Laws 2013 No. 0, item 21),
- The Act of 11/05/01 on packaging and packaging waste management (Journal of Laws No. 63, item 638, as amended),
- Regulation of the Minister of the Environment of 27/09/01 (Journal of Laws 112, item 1206),
- The classification of hazardous goods according to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).
- Regulation of the Minister of Labour and Social Policy of 29 November 2002 on the Highest Permissible Concentrations and Intensities of Harmful Factors in the Working Environment (Journal of Laws No.

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- 217, item 1833, as amended, Journal of Laws No. 212, item 1769 of 2005, Journal of Laws No. 160, item 1142 of 2007, Journal of Laws No. 105, item. 873 of 2009),
- Regulation of the Minister of Labour and Social Policy of 26 September 1997 on general health and safety at work (Journal of Laws 2003, No. 169, item 1650, as amended),
  - Regulation of the Minister of Economy of 21 December 2005 on Essential Requirements for Personal Protective Equipment (Journal of Laws 2005, No. 259, item 2173),
  - Regulation of the Minister of Health of 2 February 2011 on Testing and Measurement of Harmful Factors in the Working Environment (Journal of Laws 2011, No. 33, item 166),
  - and other legal acts within their scope.

### 15.2 Chemical Safety Assessment

No data.

## Section 16: Other information

### Full text of indications in Section 3:

None.

**The above indications refer to the components and do not constitute a classification of the mixture.**

**Version: 1.0**

### Comment:

1. The safety data sheet of a dangerous product is directly transferred to the product distributor without warranty or guarantee as to the completeness and detail of all information or recommendations contained therein.
2. The safety data sheet was consulted at the SpecChem Consultancy Company, ul. Śląska 12/13, 70-432 Szczecin, tel. 606-874-162, e-mail: [biuro@specchem.eu](mailto:biuro@specchem.eu), <http://www.specchem.eu> represented by: Krzysztof Kapczyński, M.Eng., based on information obtained from the manufacturer of the product and materials from his own database.
3. The information in this sheet represents the current state of knowledge and experience regarding the safe use of the product.

### EMERGENCY TELEPHONE NUMBERS ACCORDING TO REGION

+4842631 4725 - National Toxicology Information Centre - Łódź

+4842631 4767 - Institute of Occupational Medicine - Łódź

+4858682 0404 - Pomeranian Centre of Toxicology - Gdańsk

+4822619 6654 - Office of Toxicology Information - Warsaw

+4861847 6946 - Toxicological Information Centre - Poznań

+4812411 9999 - Toxicology Information Centre at the Collegium Medicum of the Jagellonian University - Kraków