

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Kotar polypropylene fabric with print

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: the product is intended for use in the underfloor heating when installing underfloor heating systems and to protect polystyrene boards against technological moisture from cement mortar.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Producer: **KOTAR Sp. z o.o**
Adress: Kościuszki 33 Street, 56-100 Wołów, Poland
Telephone/fax.: +48 713 892 316, 713 894 494/+48 713 894 494 ext. 21
www.kotar.pl

E-mail address for a competent person responsible for SDS: kotar@kotar.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

According to art. 2 of REACH product is defined as article and it does not require classification.

2.2 Label elements

According to art. 2 of REACH product is defined as article and it does not require labeling.

2.3 Other hazards

Substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Fabric	Polypropylene [CAS 9003-07-0] Substance is not classified as hazardous	75.9 %
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Coating	Polypropylene [CAS 9003-07-0] Substance is not classified as hazardous	19.76 %
	Polyethylene LD [CAS 9002-88-4] Substance is not classified as hazardous	4.34 %

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: exposure by this route is usually not expected.

Eye contact: exposure by this route is usually not expected.

Ingestion: exposure by this route is usually not expected.

Inhalation: exposure by this route is usually not expected.

4.2 Most important symptoms and effects, both acute and delayed

No reports of effects or critical hazards when properly used.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.
Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: CO₂, extinguishing powder, foam, water spray. Adapt the extinguishing media to the surrounding materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases of carbon oxides and other unidentified products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

The product melts, disintegrates, shrinks and oxidizes. Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Collect the used extinguishing media.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Handle in accordance with good occupational hygiene and safety practices. Ensure that effects of the breakdown are removed by a trained personnel only. Use personal protective equipment appropriate to the potential hazards.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Collect mechanically and transfer to re-use or treat as waste. Clean the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – see section 13. Personal protective equipment – see section 8.

Section 7: Handling and storage**7.1 Precautions for safe handling**

Handle in accordance with good occupational hygiene and safety practices. Before break and after work wash hands carefully. Use in accordance with the identified purpose.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in a dry and cool area protected against weather conditions (direct expose to sunlight, frost, precipitation, etc.). Protect from sources of fire and open flame and mechanical damage. Do not store or use with incompatible materials (see sections 10.3-10.5). Do not store with food and feed for animals.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection**8.1 Control parameters**

The product does not contain components with occupational exposure limit values established on the Community level. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, 2019/1831/EU.

8.2 Exposure controlsAppropriate engineering controls

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when working. Before break and after work wash hands carefully.

Individual protection measures, such as personal protective equipment

The necessity to use and selection of appropriate personal protective equipment should take into account the type of risk posed by the product, working conditions and the way of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards. The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand and body protection

Use protective gloves (EN 374) for protection against mechanical and thermal risks. Wear working clothes and footwear.

Eye/face protection

Not required.

Respiratory protection

Not required.

Thermal hazards

Do not occur.

Environmental exposure controls

Do not allow to get the large amount of the product to ground waters, drains, canalization or soil.

Section 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	solid/fabric
Colour:	acc. assortment
Odour:	odourless
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not applicable
Flammability:	not determined
Lower and upper explosion limit:	not determined
Flash point:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	not applicable
Kinematic viscosity:	not applicable, solid
Solubility:	insoluble in water
Partition coefficient n-octanol/water (log value):	not determined
Vapour pressure:	not applicable
Density and/or relative density:	not determined
Relative vapour density:	not applicable
Particle characteristics:	not determined

9.2 Other information

No additional test results.

Section 10: Stability and reactivity**10.1 Reactivity**

Product is feebly reactive. See also subsections: 10.3-10.5

10.2 Chemical stability

The product is stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

Solvents can cause dissolve or swell of the product.

10.4 Conditions to avoid

Protect from humidity. Avoid temperatures above 300 °C. Heating can release hazardous gases.

10.5 Incompatible materials

Strong oxidizing agents, solvents.

10.6 Hazardous decomposition products

None under normal conditions of storage and use.



Section 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Product does not pose a threat to human health or life when handle in accordance with good occupational hygiene and safety practices.

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

See subsection 4.2 for more information on the effects from each possible route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

No data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data.

11.2 Information on other hazards

Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

Other information

No data.



Section 12: Ecological information

12.1 Toxicity

Harmful influence for environment is not expected when product is properly used.

12.2 Persistence and degradability

Product is not biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

Product is not mobile in soil. Mobility in water is small.

12.5 Results of PBT and vPvB assessment

Substances contained in the mixture do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

12.7 Other adverse effects

Not known.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal in accordance with the local legislation. Waste material should be stored in a designated area for recycling or destruction. Waste product should be recycled or disposed of in authorized incineration plants or waste disposal plants in accordance with legislation in force.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number or ID number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.



14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

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 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 as amended.

Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on 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 (Text with EEA relevance) as amended.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Text with EEA relevance).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

ADR Agreement concerning the International Carriage of Dangerous Goods by Road

15.2 Chemical safety assessment

In accordance with REACH Regulation chemical safety assessment for articles is not required.

Section 16: Other informationClassification of aberrations and acronyms

PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations in the workplace where the product will be used.

Key literature references and data sources

This SDS was prepared on the basis of declaration of performance, technical sheets and data supplied by supplier, literature data, online databases as well as our knowledge and experience, taking into account current legislation.

Other data

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Changes: sections 1-16
Safety Data Sheet made by: **THETA** Consulting Sp. z o. o. (based on manufacturer's data)

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

