

Safety data sheet

Safety data sheet

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SECTION 1. IDENTIFICATION OF THE MIXTURE AND THE COMPANY

1.1 Product ID

Name of the product:

PSC - 250T-HP

Power Smart Coat

1.2 Identification of key features and dissuaded applications

The substance is intended for heat insulation and protection of metal surfaces from corrosion.

Detailed information about the application of the product can be found in the technical data sheet and products catalogue. In an instance of application not mentioned in following files, it is advised to contact the company's agent.

1.3 Safety data sheet provider data

Kabe Therm Sp. z o. o.

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32-007 Zabierzów Bocheński

info@kabetherm.pl
tel. (12) 289 10 00

Emergency phone (weekdays from 8:00 till 16:00)
tel. (12) 289 10 00
tel. (32) 204 64 60

Provider of the following data sheet:

Mirosław Bryk
e-mail: m.bryk@kabetherm.pl

1.4 Emergency phone numbers

112 – emergency line, available from both mobile and landline phones
999 – emergency service
998 – fire department
997 – police force

Delivery office for Thailand, Vietnam, Myanmar, Laos:

Winfair., Ltd.
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Section 2. Danger identification

2.1 Classification of the substance

According to the law, the substance is not classified as dangerous.

2.2 Marked symbols

P102 Keep away from children

2.3 Other risks

None

Section 3. Composition and information about components

3.1 Substances

Does not apply

3.2 Mixtures

The mixture of acrylic dispersion and extenders, including microspheres, pigments, preservatives and other backup supplements.

3.2.1.a Dangerous components

The mixture's composition does not include ingredients classified as dangerous, unless their concentration is the mixture is below regulations listed in 1 point of 8th part of the appendix to the decree of the minister of Department of Health, regarding the criteria and classification of chemical substances.

3.3 Substances requiring the specific TLV conditions in the workplace:

None

Section 4. First aid

4.1 The description of first aid means

Inhalation poisoning:

Provide fresh air, also contact the doctor if needed.

Contact with eyes:

Thoroughly wash eyes with water, keeping eyelids open. After that contact the eye doctor.

Contact with skin:

Immediately wash the spot with water and soap. In case of severe skin irritation contact the doctor.

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Swallowing:

Immediately contact the doctor.

4.2 Symptoms and effects of exposure

It is paramount to avoid prolonged contact with the mixture. In case of a contact with skin or eyes, it needs to be immediately removed in order to prevent any potential side effects.

4.3 Guidelines regarding an immediate medical help and proceeding with the injured

In case of any alarming symptoms contact an emergency centre, then show the data sheet or label.

Section 5. Procedures in case of fire

The mixture is not flammable. The fire in surroundings can be extinguished with resources according to the cause.

5.1 Firefighting resources:

- water fire extinguishers with nozzle, tetra extinguishers, foam and powder extinguishers.

Inadequate resources:

- strong stream of water.

5.2 Specific dangers connected with the mixture

There are no specific dangers related to properties of the mixture, or its after burn effects and created gases.

5.3 Information for fire department

- Apply means of airways protection.

Section 6. Procedures in case of an unintentional release into environment

6.1 Personal means of protection, equipment and procedures during emergency

- boiler suit, gloves, goggles

It is best to avoid hazardous situations, obey the safety protocols, workplace hygiene and fire regulations. Maintain tidiness in the workplace.

6.1.1 Guidelines for people, who are not part of an emergency team

- assess whether there is a further danger for people nearby
- secure the location of the incident and call for help
- prevent the mixture's release into the soil, water and sewerage

6.1.2 Guidelines for people carrying help

People responsible for carrying help should be equipped with protective gear, goggles and gloves (made out of nitrile rubber).

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6.2 Precautions regarding environmental protection

- prevent the mixture's release into the soil, water and sewerage. In case of a contamination, notify the local authorities.

6.3 Means and materials used to prevent spreading and removing of the contamination:

- before starting cleaning, apply the necessary protective means. Avoid eye and skin contact.
- remove the contamination mechanically
- remains need to be removed in accordance with guidelines described in section 13.

6.4 References to other sections

Dealing with wastes: section 13

Section 7. Proceeding with mixtures and storage

7.1 Safety guidelines:

The mixture needs to be applied in a temperature between 5 °C and 25°C. Wash hands after application and before eating. Do not swallow. Wear protective gear.

7.2 Regulations of safe storing and information about any incompatibility:

Store in originally sealed packaging, in dry areas (between +5 °C and +25 °C) on palletes. When not in use, keep the containers closed. Validity: 12 months from the production date.

7.3 Specific instances of application

All specific information on application, properties and usage of the product can be found on data sheet and products catalogue. In an instance of application not mentioned in following files, it is advised to contact the company's agent.

Section 8. Control of exposure/Means of personal protection

8.1 Parameters concerning control

Compounds with their limit values, depending on a workplace type:

The threshold limit value in a workplace (The threshold limit value in mg/m³, depending on the time of exposure during a work shift. With specific limitations regarding momentary and threshold values).

NDS- None

8.2 Control over exposure:

- this product does not contain any significant amounts of substances with threshold values, resulting in the necessity of a workplace control.

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8.2.1 Technical means of protection

- water shower,
- personal protective gear should be selected accordingly to the specification of the given workplace,
- clothes damaged as a result of contact with the substance need to be washed before reusing
- it is prohibited to eat, drink and smoke during work

8.2.2 Personal protective gear:

- boiler suit, gloves, goggles

Protection of airways:

- does not apply

8.2.3 Control of the environmental exposure:

- prevent the mixture's release into the soil, water and sewerage.

Section 9. Physical and chemical properties

General information:

Appearance: white, matte emulsion

Smell: faint, technical

Smell threshold: does not apply

pH: 7-9 for mixing with water

Melting temperature: does not apply

Boiling temperature: does not apply

Ignition temperature: not flammable

Evaporation temperature: does not apply

Flammability (solid object, gas): does not apply

Upper/lower limit of flammability or upper/lower limit of explosivity: does not apply

Resilience of vapour: does not apply

Density of vapour: does not apply

Density: 1,5g/cm³

Solubility in water: fully miscible

Partition coefficient: n-octanol/water: does not apply

Auto ignition temperature: no auto ignition

Decay temperature: does not apply

Stickiness: does not apply

Explosive properties: does not apply

Oxidize properties: does not apply

9.2 Other information

None

Section 9. Stability and reactivity

10.1 Reactivity

Does not apply

10.2 Chemical stability

Stable when used in normal conditions

10.3 Possibility of dangerous reactions

None

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10.4 Conditions to be avoided

Keep away from damp areas. Temperature of application 5 - 25 °C.

10.5 Incompatible materials

None

10.6 Dangerous products of decay

When used accordingly to purpose and safely stored, there is no possibility of dangerous reactions.

Section 11. Toxicological information

11.1 Information concerning toxicological side effects:

11.1.1 Substances

Does not apply

11.1.2 Mixtures

11.1.2.1 Crucial effects:

Acute toxicity:

In once time application virtually nontoxic. Product was not tested. The statement was issued based on substance with similar composition or structure.

Irritations

Classification of irritating factors:

If the product sticks to skin, there is a chance of irritation. It may also cause eyes irritation. The product was not tested. The statement was issued based on substance with similar composition or structure.

Irritation of airways/skin:

Irritation is possible in case of very sensitive person, during the direct or prolonged contact with skin and mucosa.

Mutagenic effect on gametes:

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

Carcinogenic:

Analysis of gathered information shows no carcinogenic factors.

Harmful effects on fertility:

The product is not toxic in a level that would harm fertility.

STOT – single exposure:

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

STOT- multiple exposure:

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

Dangers of inhalation:

Does not apply

Other Information

Based on our research, the product does not have any harmful effects, when used in a correct way.

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Section 12. Ecological information

12.1 Toxicity

It is highly likely that the product is not harmful to aquatic organisms.

12.2 Durability and decay properties

No experimental data.

12.3 Ability to bioaccumulation

No experimental data

12.4 Mobility in soil

No experimental data

12.5 Rating of PBT i vPvB properties

The product does not meet criteria for PBT (solid, bio accumulative, toxic) i vPvB (very durable, very bio accumulative)

12.6 Other harmful effects of application

Does not apply

Section 13. Proceeding with wastes

13.1 Methods to disable wastes

Wastes code:08 01 12 other paints and waste related varnishes, not mentioned under:
08 01 11

Packaging:15 01 02 – containers made of plastics

Safe dealing with wastes:

Prevent the release into the soil, water and sewerage. Do not remove together with other wastes. Unused product with the contaminated packaging must be placed in a container marked with appropriate symbols. Then it needs to be passed to a person holding specific authority to dispose of the waste.

Section 14. Information about transportation

According to the bill from October 28th 2002 about transportation of dangerous goods (DZ.U. NR 199/2002, POZ. 1671); DZ.U. NR 97/2004, POZ. 962; DZ.U. NR 96/2004, POZ. 959), the product is not considered dangerous, and does not fall under ADR transportation regulations.

14.1 The UN number (the ONZ number) – does not apply

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- 14.2 The correct UN transportation name – does not apply
- 14.3 Transportation danger class – does not apply. According to law, the product transported in originally sealed containers does not pose a threat
- 14.4 Packaging group – does not apply
- 14.5 Environmental danger – does not apply
- 14.6 Special safety measures for users – does not apply
- 14.7 Bulk transportation according to Appendix II for MARPOL 73/78 convention and IBC codex – does not apply

Section 15. Legal issues related information

15.1. Legal regulations concerning safety, health and environment protection, specific for the substance of mixture

1. Decree of the EU Parliament no. 1272/2008 from December 16th 2008, regarding classification, marking and packaging substances and mixtures, changing directives 67/548/EWG and 1999/45/WE also changing the decree (WE) no. 1907/2006
2. The bill regarding chemical substances and their mixtures from February 25th 2011 (Dz.U.2011 nr.63 poz.322)
3. Decree (WE) no 1907/2006 issued by the EU Parliament from December 18th 2006 r, regarding assessment, registration, issuing permissions and limitations connected with chemicals (REACH), creating European Commission of Chemicals, changing the directive no. 1999/45/WE and cancelling the decree of the Council (EWG) no. 793/93 and decree of commission (WE) no. 1488/94, and also decree no. 76/769/EWG and directives 91/155/EWG, 93/67/EWG, 93/105/WE and 2000/21/WE, including further changes.
4. The EU Comity decree no. 453/2010 from May 20th 2010, changing decree no. 1907/2006 issued by EU Parliament from December 18th 2006, regarding registration, issuing permissions and limitations connected with chemicals (REACH), creating European Commission of Chemicals.
5. The decree issued by the Minister of Health on December 30th 2004, regarding safety and hygiene, in workplaces connected with chemical factors (Dz.U.2005 no.11 pos.86), including further changes.
6. The decree by the Minister of Economy from December 21st 2005, regarding requirements in the field of personal protection (Dz.U.2005 no.259 pos.2173)
7. The Government statement from September 24th 2002, regarding changes in Appendix A and B for European decree about international road transportation of dangerous goods (ADR), written in Geneva on September 30th 1957 (Dz.U.2002 no.194 pos.1629), including further changes – decree from April 20th 2004, regarding changing and cancellation of selected decrees, as a result of obtaining European Membership by Rzeczpospolita Polska (Dz.U.2004 no.96 pos.959).
8. The decree issued by the Minister of Economy, Labour and Social Policy from September 26th 1997, regarding general safety laws and work hygiene (Dz.U.1997 no.129 pos.844), including further changes.

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9. Decree issued by the Minister of Environment from September 27th 2001, regarding cataloguing of wastes (Dz.U.2001 no.112 pos.1206).

15.2 Assessment of chemical safety

The assessment of chemical safety has not been conducted.

Section 16. Additional information

Information presented in this sheet has been provided in good faith, precisely according to the state of our knowledge on the day of issuing this document. We would like to underline that those information are not subsidiary for the client to checking whether the product is suitable for their own needs, safety protocols and specific applications. The user is bound to apply the product in accordance to instructions and laws binding for his company.

The company cannot be held responsible for any damage , or harm, caused by an improper usage of the product described in this sheet, or any non-typical attempts of application performed by the client.