

**AKTERM****SAFETY DATA SHEET**

In accordance with Regulation (EU) 2020/878

Compilation date: 10.01.2022

Revision: not applicable

**Thin-layer thermal insulation coating  
AKTERM STANDARD**

Version: 1.0

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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**Trade name: **Thin-layer thermal insulation coating  
AKTERM STANDARD****1.2. Relevant identified uses of the substance or mixture and uses advised against**Identified use: Thin-layer thermal insulation coating.Uses advised against: Not specified.**1.3. Details of the supplier of the safety data sheet**Manufacturer: **AKTERM spółka z ograniczoną odpowiedzialnością**

Address: 26-600 Radom, ul. Witosa 91, Poland

Telephone No: +48 48 30 70 100

E-Mail: biuro@akterm.tech

**1.4. Emergency telephone number**

+48 48 30 70 available from Monday till Friday during office hours: 8:00 do 16:00

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

|                                   | Classification | According to Regulation (EC) no. 1272/2008 (CLP) |
|-----------------------------------|----------------|--|
| Hazard                            |                |  |
| for physical-chemical properties: |                | Not classified                                   |
| for health hazards:               |                | Not classified                                   |
| for environmental hazards:        |                | Not classified                                   |

**2.2. Label elements**

Hazard pictogram(s): Not applicable

Signal word(s): Not applicable

Hazard statement(s): Not applicable

Precautionary statement(s): Not applicable

**2.3. Other hazards**

Not known.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

Not applicable.

**3.2. Mixtures**

The product does not contain substances presenting health or environmental hazard above the concentration limits given in the regulations. A mixture of an aqueous dispersion of a styrene-acrylic copolymer, synthetic silicone rubber, plasticizer, pigment, flame retardants, inhibitors, glass-ceramic microsphere filler and water as a solvent.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation:**

Remove person to fresh air if breathing vapours that are released during heating of the product. If necessary, administer artificial respiration.

**Contact with skin:**

Wash contaminated skin with mild soap and rinse with plenty of water for at least 10 min.

**Contact with eyes:**

Rinse immediately with plenty of water holding the eyelids wide open.

**Ingestion:**

Wash out mouth thoroughly with water and give water to drink. Seek medical advice. If large quantities have been ingested, induce vomiting.

**4.2. Most important symptoms and effects, both acute and delayed**

Data not available.

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

In case of persistent discomfort, call a doctor. Decision on the rescue procedure is taken by a doctor following thorough examination of victim's condition.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

**Suitable Extinguishing Media:** The product is not flammable. Use extinguishing media suitable for the surrounding environment.

**Unsuitable Extinguishing Media:** Not known.

**5.2. Special hazards arising from the substance or mixture**

Not known. The product is not flammable.

**5.3. Advice for firefighters**

Obey relevant fire protection regulations. Prevent from entering contaminated water into sewers, rivers or other bodies of water. Dispose of waste water in compliance with current legislation. People should be properly trained and equipped with proper clothing and safety equipment.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Use adequate personal protective equipment as required in Section 8 of the safety data sheet.

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

Collect and dispose of in compliance with current national legislation.

**6.4. Reference to other sections**

Refer to Sections 8 and 13 of the safety data sheet.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Obey safety rules and regulations for handling chemicals. Avoid contact with eyes. Do not eat the product. Before breaks and after handling the product, thoroughly wash hands. Use adequate personal protective equipment as required in Section 8 of the safety data sheet.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in an original, closed packaging, in a cool and dry place. Avoid freezing.

**7.3. Specific end use(s)**

Refer to section 1.2 of the safety data sheet.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

NDS: -, NDSch: -, NDSP: - , OELs: -

*Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum permissible concentration and intensity of agents harmful to health in the working environment (Journal of Laws of 2018, item 1286; 2020, item 61)*

*Directive 2000/39/EC with amendments.*

DNEL/PNEC: data not available

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**8.2. Exposure controls****Appropriate engineering controls:**

Provide adequate room ventilation.

**Eye/face protection:**

Not required.

**Skin protection:**

If necessary, wear PVC protective gloves.

**Respiratory protection:**

In case of insufficient ventilation, wear a mask with a dust filter (type P).

**Thermal hazards:**

Not applicable.

**Environmental exposure controls:**

Not required.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

|   |   |
|---|---|
| a) Physical state   | : A viscous mass                                    |
| b) Colour   | : White, light gray or a color from the RAL palette |
| c) Odour  | : Data not available                                |
| d) Melting point/freezing point                             | : Not applicable                                    |
| e) Boiling point or initial boiling point and boiling range | : Data not available                                |
| f) Flammability   | : Not applicable, the product is not flammable      |
| g) Lower and upper explosion limit                          | : Data not available                                |
| h) Flash point  | : Not applicable                                    |
| i) Auto-ignition temperature                                | : Not applicable                                    |
| j) Decomposition temperature                                | : Data not available                                |
| k) pH   | : Data not available                                |
| l) Kinematic viscosity                                      | : Not applicable                                    |
| m) Solubility   | : Data not available                                |
| n) Partition coefficient n-octanol/water (log value)        | : Not applicable                                    |
| o) Vapour pressure  | : Not applicable                                    |
| p) Density and/or relative density                          | : Data not available                                |
| q) Relative vapour density                                  | : Not applicable                                    |
| r) Particle characteristics                                 | : Not applicable                                    |

**9.2. Other information**

|                          |             |
|--------------------------|-------------|
| Anticorrosive properties | : Excellent |
| Electric conductivity    | : Excellent |

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

The product is not reactive. Hazardous polymerization does not occur.

**10.2. Chemical stability**

The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. The mixture may separate into layers before use.

**10.3. Possibility of hazardous reactions**

Not known.

**10.4. Conditions to avoid**

Not known.

**10.5. Incompatible materials**

Not known.

**10.6. Hazardous decomposition products**

Not known. Decomposition products generated during fire see section 5.2 of the safety data sheet.

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**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****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. The product may cause slight eye irritation.

**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.

**11.2. Information on other hazards**

Not applicable.

**SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

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

**12.2. Persistence and degradability**

Data not available.

**12.3. Bioaccumulative potential**

Data not available.

**12.4. Mobility in soil**

Data not available.

**12.5. Results of PBT and vPvB assessment**

Data not available.

**12.6. Endocrine disrupting properties**

Data not available.

**12.7. Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Dispose of in compliance with applicable legislation. Waste code is to be assigned based on the end use of the product.

Directive 2008/98/EC of the European Parliament and of the Council of the Member State.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number or ID number**

Not applicable

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|  |                |
|--|----------------|
| <b>14.2. UN proper shipping name</b>                                 | Not applicable |
| <b>14.3. Transport hazard class(es)</b>                              | Not applicable |
| <b>14.4. Packing group</b>   | Not applicable |
| <b>14.5. Environmental hazards</b>                                   | Not applicable |
| <b>14.6. Special precautions for user</b>                            | Not applicable |
| <b>14.7. Maritime transport in bulk according to IMO instruments</b> | 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

Commission Regulation (EU) 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

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

REACH Annex XVII (restrictions): Not applicable

REACH Annex XIV (authorisation): Not applicable

SVHC Candidate List: Not applicable

**15.2. Chemical safety assessment**

Data not available.

**SECTION 16: OTHER INFORMATION****Classification method:**

Not applicable – the product is not classified as hazardous.

**Changes made in the safety data sheet during revision:**

Not applicable.

**Legend to abbreviations and acronyms used in the safety data sheet:**

|       |  |
|-------|--|
| NDS   | Threshold Limit Value                                |
| NDSch | Short Term Exposure Limit                            |
| NDSP  | Threshold Limit Value-Ceiling                        |
| OELs  | Occupational Exposure Limits                         |
| vPvB  | Very persistent and very bioaccumulative (substance) |
| PBT   | Persistent, bioaccumulative and toxic (substance)    |
| PNEC  | Predicted No Effect Concentration                    |

**Literature references and sources for data:**

Regulations/legislations mentioned in sections 2 – 15 of safety data sheet. Data on ingredients.

**List of relevant hazard statements and/or precautionary statements, which are not written out in full under Sections 2 to 15:**

Not applicable.

**Advice on any training appropriate for workers to ensure protection of human health and the environment:**

We recommend to familiarize personnel with standard procedures on handling chemicals.

*Information in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. Information provided herein serves only as guidelines for safe work, use, processing, storage, and waste management. It cannot be considered as a warranty or quality certificate. This information applies only to specific material designated and may not be suitable for such material used in combination with any other materials or in any other manner not described in this document. The author assumes no responsibility or liability for the improper use of the information contained in this safety data sheet.*