

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## AG Thermopad

|               |                   |         |     |
|---------------|-------------------|---------|-----|
| Creation date | 26. January 2013  | Version | 4.0 |
| Revision date | 17. November 2018 |         |     |

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier**  
Substance / mixture  
AG Thermopad  
ARTICLE. SDSs do not have to be provided for articles. Although the SDS format may be used to convey safety information down the supply chain, it is not adapted to most articles.
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
mixture's intended use  
Heat transferring agent.  
Mixture uses advised against  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
Name or trade name  
AG TermoPasty Grzegorz Gąsowski  
Address  
Kolejowa 33 E, Sokoły, 18-218  
Poland  
Identification number (ID)  
200133730  
VAT Reg No  
9661767714  
Phone  
862741342  
E-mail  
biuro@termopasty.pl  
Web address  
www.termopasty.pl
- Competent person responsible for the safety data sheet**  
Name  
AG TermoPasty Grzegorz Gąsowski  
E-mail  
biuro@termopasty.pl
- 1.4. Emergency telephone number**  
National Health Service (NHS) 111  
National poisoning information centre Scotland, NHS 24: 111

### SECTION 2: Hazards identification

- 2.1. Substance or mixture classification**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.  
Full text of all classifications and hazard statements is given in the section 16.
- 2.2. Label elements**  
none
- 2.3. Other hazards**  
not available

### SECTION 3: Composition/information on ingredients

- 3.2. Mixtures**  
**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**  
none

### SECTION 4: First aid measures

- 4.1. Description of first aid measures**  
Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.
- Inhalation**  
Terminate the exposure immediately; move the affected person to fresh air.
- Skin contact**  
Remove contaminated clothes.
- Eye contact**  
Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

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### Ingestion

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

#### Inhalation

Not expected.

#### Skin contact

Not expected.

#### Eye contact

Not expected.

#### Ingestion

Not expected.

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

Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

#### Unsuitable extinguishing media

not available

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### 5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

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

Follow the instructions in the Sections 7 and 8.

### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

none

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### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

It is not needed.

#### Skin protection

When handling in long-term or repeatedly, use protective gloves.

#### Respiratory protection

It is not needed.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

#### Appearance

|                |                               |
|----------------|-------------------------------|
| Physical state | solid at 20°C                 |
| color          | grey from light gray to black |

|       |                   |
|-------|-------------------|
| Odour | without fragrance |
|-------|-------------------|

|                 |                    |
|-----------------|--------------------|
| Odour threshold | data not available |
|-----------------|--------------------|

|    |                    |
|----|--------------------|
| pH | data not available |
|----|--------------------|

|                              |                    |
|------------------------------|--------------------|
| Melting point/freezing point | data not available |
|------------------------------|--------------------|

|   |                    |
|---|--------------------|
| Initial boiling point and boiling range | data not available |
|---|--------------------|

|             |                    |
|-------------|--------------------|
| Flash point | data not available |
|-------------|--------------------|

|                  |                |
|------------------|----------------|
| Evaporation rate | non-applicable |
|------------------|----------------|

|                           |                    |
|---------------------------|--------------------|
| Flammability (solid, gas) | data not available |
|---------------------------|--------------------|

|  |                    |
|--|--------------------|
| Upper/lower flammability or explosive limits |                    |
| flammability limits                          | data not available |
| explosive limits                             | data not available |

|                 |                    |
|-----------------|--------------------|
| Vapour pressure | data not available |
|-----------------|--------------------|

|                |                    |
|----------------|--------------------|
| Vapour density | data not available |
|----------------|--------------------|

|                  |                    |
|------------------|--------------------|
| Relative density | data not available |
|------------------|--------------------|

|                     |               |
|---------------------|---------------|
| Solubility(ies)     |               |
| solubility in water | not available |
| solubility in fats  | not available |

|  |                    |
|--|--------------------|
| Partition coefficient: n-octanol/water | data not available |
|--|--------------------|

|                           |                    |
|---------------------------|--------------------|
| Auto-ignition temperature | data not available |
|---------------------------|--------------------|

|                           |                    |
|---------------------------|--------------------|
| Decomposition temperature | data not available |
|---------------------------|--------------------|

|           |                    |
|-----------|--------------------|
| Viscosity | data not available |
|-----------|--------------------|

|                      |                    |
|----------------------|--------------------|
| Explosive properties | data not available |
|----------------------|--------------------|

|                      |                    |
|----------------------|--------------------|
| Oxidising properties | data not available |
|----------------------|--------------------|

### 9.2. Other information

|         |                    |
|---------|--------------------|
| Density | data not available |
|---------|--------------------|

|                      |                    |
|----------------------|--------------------|
| ignition temperature | data not available |
|----------------------|--------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

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### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

not available

#### 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.

#### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

#### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

#### Aspiration hazard

Based on available data the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute toxicity

Data for the mixture are not available.

### 12.2. Persistence and degradability

Not available.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

Not available.

### 12.5. Results of PBT and vPvB assessment

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Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Packaging waste type code

15 01 02 plastic packaging

## SECTION 14: Transport information

### 14.1. UN number

Not subject to ADR.

### 14.2. UN proper shipping name

not available

### 14.3. Transport hazard class(es)

not available

### 14.4. Packing group

not available

### 14.5. Environmental hazards

not available

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not available

## 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 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), 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, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th 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, as amended.

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

|     |   |
|-----|---|
| ADR | European agreement concerning the international carriage of dangerous goods by road               |
| BCF | Bioconcentration Factor   |
| CAS | Chemical Abstracts Service  |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |

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|                     |   |
|---------------------|---|
| DNEL                | Derived no-effect level   |
| EC                  | Identification code for each substance listed in EINECS   |
| EC <sub>50</sub>    | Concentration of a substance when it is affected 50% of the population                            |
| EINECS              | European Inventory of Existing Commercial Chemical Substances                                     |
| EmS                 | Emergency plan  |
| EU                  | European Union  |
| IATA                | International Air Transport Association   |
| IBC                 | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals       |
| IC <sub>50</sub>    | Concentration causing 50% blockade  |
| ICAO                | International Civil Aviation Organization   |
| IMDG                | International Maritime Dangerous Goods  |
| INCI                | International Nomenclature of Cosmetic Ingredients  |
| ISO                 | International Organization for Standardization  |
| IUPAC               | International Union of Pure and Applied Chemistry   |
| LC <sub>50</sub>    | Lethal concentration of a substance in which it can be expected death of 50% of the population    |
| LD <sub>50</sub>    | Lethal dose of a substance in which it can be expected death of 50% of the population             |
| LOAEC               | Lowest observed adverse effect concentration  |
| LOAEL               | Lowest observed adverse effect level  |
| log K <sub>ow</sub> | Octanol-water partition coefficient   |
| MARPOL              | International Convention for the Prevention of Pollution From Ships                               |
| NOAEC               | No observed adverse effect concentration  |
| NOAEL               | No observed adverse effect level  |
| NOEC                | No observed effect concentration  |
| NOEL                | No observed effect level  |
| OEL                 | Occupational Exposure Limits  |
| PBT                 | Persistent, Bioaccumulative and Toxic   |
| PNEC                | Predicted no-effect concentration   |
| ppm                 | Parts per million   |
| REACH               | Registration, Evaluation, Authorisation and Restriction of Chemicals                              |
| RID                 | Agreement on the transport of dangerous goods by rail   |
| UN                  | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB                | Substances of unknown or variable composition, complex reaction products or biological materials  |
| VOC                 | Volatile organic compounds  |
| vPvB                | Very Persistent and very Bioaccumulative  |

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

The version 4.0 replaces the SDS version from 07.05.2018. Changes were made in sections 2, 13, 15 and 16.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.