



# SAFETY DATA SHEET

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

## Zaprawa klejowa uelastyczniona Atlas

|               |                    |              |     |
|---------------|--------------------|--------------|-----|
| Creation date | 02nd December 2024 | Revision no. |     |
| Revision date |                    | Version      | 9.0 |

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

- 1.1. Product identifier**  
Substance / mixture  
Zaprawa klejowa uelastyczniona Atlas  
mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Mortar for bonding ceramic cladding.  
**Main intended use**  
PC-CON-OTH Other construction products  
**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  
Address  
VAT Reg No  
Phone  
E-mail  
Web address  
ATLAS sp. z o.o.  
ul. Jana Kilińskiego 2, Łódź, 91-421  
Poland  
PL9471936467  
+48 42 631 88 00  
msds@atlas.com.pl  
www.atlas.com.pl  
**Competent person responsible for the safety data sheet**  
Name  
E-mail  
ATLAS sp. z o.o.  
msds@atlas.com.pl
- 1.4. Emergency telephone number**  
112 - emergency number  
+48 800 168 083 - ATLAS INFOLINE telephone, open from Monday to Friday between 8:00 am - 4:00 pm, other information is answered by the machine.

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Eye Dam. 1, H318  
STOT SE 3, H335

**Most serious adverse effects on human health and the environment**

May cause respiratory irritation. Causes serious eye damage. May cause an allergic skin reaction. Causes skin irritation.

- 2.2. Label elements**

**Hazard pictogram**



**Signal word**

Danger

**Hazardous substances**

Cement, portland, chemicals  
Flue dust, portland cement

**Hazard statements**

|      |                                      |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |



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|                                 |                                                                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| H335                            | May cause respiratory irritation.                                                                                                |
| <b>Precautionary statements</b> |                                                                                                                                  |
| P102                            | Keep out of reach of children.                                                                                                   |
| P261                            | Avoid breathing dust.                                                                                                            |
| P280                            | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P303+P361+P353                  | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.                           |
| P305+P351+P338                  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333+P313                       | If skin irritation or rash occurs: Get medical advice/attention.                                                                 |
| P501                            | Dispose of contents/container to properly marked containers for selective waste collection emptied by an authorized company.     |

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

| Identification numbers                                                            | Substance name              | Content in % weight | Classification according to Regulation (EC) No 1272/2008                         | Note |
|-----------------------------------------------------------------------------------|-----------------------------|---------------------|----------------------------------------------------------------------------------|------|
| CAS: 65997-15-1<br>EC: 266-043-4                                                  | Cement, portland, chemicals | 20-40               | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>STOT SE 3, H335 | 1    |
| CAS: 68475-76-3<br>EC: 270-659-9<br>Registration number:<br>01-2119486767-17-0066 | Flue dust, portland cement  | 0.1-0.3             | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>STOT SE 3, H335 |      |

#### Notes

1 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

## 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. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.



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### If in eyes

Do not rub your eyes – it could lead to mechanical damage of the cornea. 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. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

### If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

#### If inhaled

Inhaling dust can cause corrosion of the breathing system. May cause respiratory irritation.

#### If on skin

May cause an allergic skin reaction.

#### If in eyes

Causes serious eye damage.

#### If swallowed

Corrosion of the digestion system can occur.

### 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

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

#### Unsuitable extinguishing media

Water - full jet.

### 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

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

## SECTION 6: Accidental release measures

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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale dust. Prevent contact with skin and eyes.

### 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.



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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Do not inhale dust. Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed parts of the body thoroughly after handling. Use only outdoors or in a well-ventilated area. 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 closed, original and labeled packages in dry, cool and well-ventilated rooms, preferably on pallets, do not expose directly to sunlight. Store away from incompatible materials, drinks and food. Protect against moisture - the product is irreversible hardening under the influence of moisture. The bags should be stacked in a manner for stability. Under the above conditions, none are known adverse interactions.

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

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

##### United Kingdom

##### EH40/2005 Workplace exposure limits (Fourth Edition 2020)

| Substance name (component)                    | Type   | Value                |
|-----------------------------------------------|--------|----------------------|
| Cement, portland, chemicals (CAS: 65997-15-1) | WEL 8h | 10 mg/m <sup>3</sup> |

Notes

Inhalable dust.

##### United Kingdom

##### EH40/2005 Workplace exposure limits (Fourth Edition 2020)

| Substance name (component)                    | Type   | Value               |
|-----------------------------------------------|--------|---------------------|
| Cement, portland, chemicals (CAS: 65997-15-1) | WEL 8h | 4 mg/m <sup>3</sup> |

Notes

Respirable dust.

#### 8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. 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

Protective goggles or face shield (based on the nature of the work performed).

##### Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

##### Respiratory protection

Use a mask with anti-dust filter when the exposition limits of the substances are exceeded or at the place with insufficient ventilation.

##### Thermal hazard

Data 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



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|                                               |                                      |
|-----------------------------------------------|--------------------------------------|
| physical state                                | solid at 20 °C                       |
| color                                         | grey                                 |
| Odour                                         | data not available                   |
| pH                                            | 10-11 (undiluted)                    |
| Cement, portland, chemicals (CAS: 65997-15-1) | 11-13.5 (50% solution at 20 °C)      |
| Melting point/freezing point                  | data not available                   |
| Initial boiling point and boiling range       | data not available                   |
| Flash point                                   | data not available                   |
| Flammability (solid, gas)                     | data not available                   |
| Upper/lower flammability or explosive limits  |                                      |
| explosive limits                              | data not available                   |
| Vapour pressure                               | data not available                   |
| Solubility(ies)                               |                                      |
| solubility in water                           | data not available                   |
| Partition coefficient: n-octanol/water        | data not available                   |
| Auto-ignition temperature                     | data not available                   |
| Decomposition temperature                     | data not available                   |
| Viscosity                                     |                                      |
| Kinematic viscosity                           | data not available                   |
| Density                                       | 1.4-1.8 g/cm <sup>3</sup>            |
| Cement, portland, chemicals (CAS: 65997-15-1) | 2.75-3.20 g/cm <sup>3</sup> at 20 °C |
| data not available                            |                                      |
| <b>9.2. Other information</b>                 |                                      |
| 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.

#### 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

No toxicological data is available for the mixture.

##### Acute toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

##### Skin corrosion/irritation

Causes skin irritation. Data for the components of the mixture are not available.

##### Serious eye damage/irritation

Causes serious eye damage. Data for the components of the mixture are not available.



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### Respiratory or skin sensitisation

May cause an allergic skin reaction. Data for the components of the mixture are not available.

### Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - single exposure

May cause respiratory irritation. Data for the components of the mixture are not available.

### Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### 12.2. Persistence and degradability

No data are available for either the mixture or the components.

### 12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

### 12.4. Mobility in soil

No data are available for either the mixture or the components.

### 12.5. Results of PBT and vPvB assessment

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

Data 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.



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### Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). 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.

### SECTION 14: Transport information

#### 14.1. UN number

not subject to transport regulations

#### 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

not relevant

#### 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 relevant

### SECTION 15: Regulatory information

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

Clean Air Act 1993 as amended. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Public health act 1961. Environmental Protection Act 1990 as amended. 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 as amended. 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).

#### 15.2. Chemical safety assessment

not available

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

|      |                                      |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |
| H335 | May cause respiratory irritation.    |

#### Guidelines for safe handling used in the safety data sheet

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P102           | Keep out of reach of children.                                                                                                   |
| P261           | Avoid breathing dust.                                                                                                            |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.                           |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.                                                                 |
| P501           | Dispose of contents/container to properly marked containers for selective waste collection emptied by an authorized company.     |

#### Other important information about human health protection



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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 |
| EC          | Identification code for each substance listed in EINECS                                           |
| EINECS      | European Inventory of Existing Commercial Chemical Substances                                     |
| EmS         | Emergency plan                                                                                    |
| EU          | European Union                                                                                    |
| EuPCS       | European Product Categorisation System                                                            |
| Eye Dam.    | Serious eye damage                                                                                |
| IATA        | International Air Transport Association                                                           |
| IBC         | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals       |
| 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                                                 |
| log Kow     | Octanol-water partition coefficient                                                               |
| MARPOL      | International Convention for the Prevention of Pollution from Ships                               |
| OEL         | Occupational Exposure Limits                                                                      |
| PBT         | Persistent, bioaccumulative and toxic                                                             |
| PMT         | Persistent, mobile and toxic                                                                      |
| ppm         | Parts per million                                                                                 |
| REACH       | Registration, Evaluation, Authorisation and Restriction of Chemicals                              |
| RID         | Agreement on the transport of dangerous goods by rail                                             |
| Skin Irrit. | Skin irritation                                                                                   |
| Skin Sens.  | Skin sensitization                                                                                |
| STOT SE     | Specific target organ toxicity - single exposure                                                  |
| 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                                                          |
| vPvM        | Very persistent and very mobile                                                                   |

### 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. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

## Statement





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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.