

According to directive 1907/2006/EC, 2020/878  
Version 3.0 Revision date: 17-05-2024  
Trade name: Plaster of Paris bandage

Page 1 of 8  
Print date: 6-2-2025

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

### **1.1 Product identification:**

Product name: Plaster of Paris bandage

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

Plaster bandage for general use: For ceramic industry, pottery plaster, sculpture plaster, orthopaedic plaster.

Identified uses: industrialists and professionals, consumer use.

No advised use.

### **1.3 Details of the supplier of the safety data sheet:**

Responsible distributor : ASSYST bvba / A.S.O.W. bvba  
Hellegatstraat 13a  
2590 Berlaar  
Belgium  
Tel: +32 495 50 61 14 / +32 496 83 70 27  
Website: [www.assyst.org](http://www.assyst.org) / [www.artsuppliesonweb.com](http://www.artsuppliesonweb.com)  
Email: [ao@assyst.org](mailto:ao@assyst.org) / [vera.opsommer@assyst.org](mailto:vera.opsommer@assyst.org)

### **1.4 Emergency phone number:**

For Belgium:

Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct

For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

## **SECTION 2: Identification of hazards**

### **2.1 Classification of the substance or mixture:**

**Classification according to directive (EC) No 1272/2008 and its amendments.**

The product is not classified according to the CLP regulation.

### **2.2 Labelling elements:**

**Labelling according to regulation (EC) No 1272/2008 [CLP/GHS]:**

The product does not require labelling according to the CLP regulation.

### **2.3 Other hazards:**

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### **Ecological information:**

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

### **Toxicological information:**

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

According to directive 1907/2006/EC, 2020/878  
Version 3.0 Revision date: 17-05-2024  
Trade name: Plaster of Paris bandage

Page 1 of 8  
Print date: 6-2-2025

**SECTION 3: Composition and information on ingredients****3.2 Mixture:****Description:**

Mixture of the following substances with non-hazardous additives.

Chemical name	CAS No. EINECS No. REACH registration number	Weight (%)	Classification
Calcium sulphate Hemihydrate Plaster of Paris (Ca(SO <sub>4</sub> ).1/2H <sub>2</sub> O)	26499-65-0 607-950-0 -	>95%	Not classified

Full text of H-phrases can be found in section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures:****General information**

No adverse effects are expected under normal use of the substance, but if effects do occur, the following recommendations apply.

**By inhalation.**

If fine dust particles are inhaled, move them into fresh air.

If it is difficult to breathe, apply artificial respiration and provide oxygen.

Seek medical advice if necessary.

**Skin contact**

Wash immediately with plenty of soap and water and rinse.

Remove dirty clothes and wash before reusing.

Overall, the product is not irritating to the skin.

**Eye contact**

Rinse immediately with plenty of water or use specific eye washers, leaving the eyelids wide open.

Remove any contact lenses, if present and easy to remove.

Consult a doctor if the pain persists.

**Ingestion**

Rinse the oral cavity with water and drink plenty of water.

Seek medical advice if necessary.

**4.2 Main acute and delayed symptoms and effects:**

Under normal conditions of use, no significant risk is expected.

No further information available.

**4.3 Indication of immediate medical attention and special treatment required:**

Treat symptomatically.

**SECTION 5: Fire-fighting measures****5.1 Extinguishing media:****Suitable extinguishing agents:**

CO<sub>2</sub>, dust or water mist.

Extinguish large fires with water spray or alcohol-resistant foam.

**Unsuitable extinguishing media:**

Strong water jet.

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

The product is not flammable and is non-flammable.

Sulphur dioxide can be released during a fire.

**5.3 Advice for firefighters:****Specific protective equipment:**

Do not enter the fire zone without adequate protection, including respiratory protection

According to directive 1907/2006/EC, 2020/878  
Version 3.0 Revision date: 17-05-2024  
Trade name: Plaster of Paris bandage

Page 1 of 8  
Print date: 6-2-2025

## **SECTION 6: Measures in case of accidental release of the substance or mixture**

### **6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.  
Evacuate unnecessary personnel.  
Use the required personal protective equipment.  
Avoid dust formation.

### **6.2 Environmental precautions:**

Avoid infiltrations and/or spills into sewers, water surface, into groundwater

### **6.3 Methods and materials for containment and cleaning:**

Sweep or scoop from the ground into suitable containers.  
Collect mechanically (sweep, shovel) and place in containers suitable for disposal (see section 7).

### **6.4 Reference to other sections:**

For information on safe handling, see section 7.  
For personal protective equipment to be used, see section 8.  
For disposal after cleaning, see section 13.

## **SECTION 7: Handling and storage:**

### **7.1 Precautions for safe handling of the substance or mixture:**

#### **Additional risks during use:**

Ensure good ventilation of the workstation.  
Avoid dust formation.

#### **Hygiene measures:**

Use according to good industrial hygiene and safety.  
Do not eat, drink or smoke during use.  
Wash your hands and other exposed skin areas with water and mild soap before eating or drinking and leaving work.  
Contaminated work clothes should not be left outside the workplace.

### **7.2 Conditions for safe storage, including incompatibilities:**

#### **Storage conditions**

Store in a covered, cool, dry place.  
Keep the product in its own packaging and close it carefully after each use.

#### **Storage class:**

13. Non-combustible solids.

### **7.3 Specific end use:**

No further information available.

## **SECTION 8: Exposure controls/personal protection measures**

### **8.1 Control parameters:**

#### **Components with workplace limits**

The product contains no ingredients for which exposure values have been established.

### **8.2 Exposure control measures:**

#### **Personal protection measures, such as personal protective equipment:**

The user must use the appropriate individual protective equipment indicated below in all situations when handling the product:

#### **Eyes/face protection:**

Wear safety goggles in case of dust dispersion.

#### **Hand protection:**

Wear suitable gloves.  
Nitrile rubber 0.4 mm.

The lifetime of the gloves must be precisely specified by the manufacturer of the protective gloves and must be adhered to.

#### **Body protection:**

According to directive 1907/2006/EC, 2020/878  
Version 3.0 Revision date: 17-05-2024  
Trade name: Plaster of Paris bandage

Page 1 of 8  
Print date: 6-2-2025

In case of skin hypersensitivity, use protective gloves, wear suitable long-sleeved work clothes, shoes or safety shoes.

**Respiratory protection:**

If dust is generated during use, use a P1 or FFP1 type filter mask.

**SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties:

General information :

Physical state:	Gauze dressing
Colour:	white
Odour:	odourless
Odour limitation:	No odour limitation, odourless
pH:	Not applicable
Melting point:	1450°C
Boiling point:	Not applicable.
Boiling rate:	Not applicable as under normal atmospheric conditions.
Flash point:	Not applicable as it is not a liquid.
Evaporation rate:	Not applicable as it is not a liquid.
Flammability:	Not applicable as it is a solid that is not flammable.
Lower flammability limit:	Not applicable as it is not a flammable gas.
Upper flammability limit:	Not applicable as it is not a flammable gas.
Lower explosion limit:	Not applicable as it is not a flammable gas.
Upper explosion limit:	Not applicable as it is not a flammable gas.
Vapour pressure:	Not applicable as the melting point is 1450°C.
Vapour density:	Not applicable as the melting point is 1450°C.
Solubility in water:	Approximately 2.4 g/l (20°C in g/l)
Partition coefficient n-Octanol/Water:	Not applicable as inorganic product.
Self-ignition temperature:	Not applicable.
Viscosity:	Not applicable as it is not a liquid.
Explosive properties:	Not explosive.
Oxidising properties:	Not oxidising as it does not cause or contribute to combustion.

9.2 Other information

No further information available.

**SECTION 10: Stability and reactivity**

10.1 Reactivity:

Product cures with water.

No materials to avoid known.

10.2 Chemical stability:

Keep dry.

Stable under normal storage conditions.

10.3 Possible hazardous reactions:

When mixed with an aqueous solution of sodium carbonate, carbon dioxide is formed.

10.4 Conditions to avoid:

Stable if stored dry.

10.5 Chemically interacting materials:

No incompatible materials known.

10.6 Hazardous decomposition products:

Carbon oxides.

According to directive 1907/2006/EC, 2020/878  
Version 3.0 Revision date: 17-05-2024  
Trade name: Plaster of Paris bandage

Page 1 of 8  
Print date: 6-2-2025

## **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects:

No toxicological studies have been conducted on the product as such.

#### **Acute toxicity**

##### **Acute oral toxicity:**

Calcium sulphate, main ingredient

LD50 for rat > 1581 mg/kg - in accordance with OECD 420.

##### **Acute toxicity by inhalation:**

Calcium sulphate, main ingredient

LC50 for rat > 2.61 mg/L - according to OECD Guideline 403.

##### **Skin corrosion/irritation**

No irritation to rabbit - according to guideline OECD 404.

##### **Serious eye damage / severe eye irritation**

Not irritating to rabbits - according to OECD Guideline 405.

##### **Respiratory or skin sensitisation**

Does not cause skin sensitisation in guinea pigs - according to OECD Guideline 406.

##### **Mutagenicity in germ cells**

Non-mutagenic. In vitro / mouse test - according to OECD guidelines 471-474 / 476.

##### **Carcinogenicity**

Not applicable.

##### **Reproductive toxicity**

There is no risk of reproductive toxicity. Test with rats - according to OECD Guideline 422.

##### **STOT (acute target organ toxicity) single exposure**

There is no evidence of organ toxicity in acute toxicity tests.

##### **STOT (acute target organ toxicity) repeated exposure**

Not applicable.

##### **Inhalation hazard**

(There are no aspiration hazards.

##### **Other toxicological data**

No further information available.

### 11.2 Information on other hazards

#### **Hormone-disrupting properties**

The substance/mixture does not contain constituents considered to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

## **SECTION 12: Ecological information**

### 12.1 Toxicity:

The product is not hazardous to the environment.

### 12.2 Persistence and degradability:

The product is an inorganic material, which poses no risk of toxicity after hydration.

### 12.3 Bioaccumulation:

The product is an inorganic material, which poses no risk of toxicity after hydration.

### 12.4 Mobility in soil:

The product is an inorganic material, which poses no risk of toxicity after hydration.

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

### 12.6 Hormone disrupting properties

The substance/mixture does not contain constituents considered to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

### 12.7 Other adverse effects:

According to directive 1907/2006/EC, 2020/878  
Version 3.0 Revision date: 17-05-2024  
Trade name: Plaster of Paris bandage

Page 1 of 8  
Print date: 6-2-2025

Based on existing elimination/degradation and bioaccumulation data, long-term environmental damage is unlikely.

## **SECTION 13: Instructions for disposal**

### **13.1 Waste treatment methods:**

Do not spread in sewers or surface waters.

Granting as refusal must be done according to the methods regulated by national legislation.

Remove with CER code 17 08 02.

Uncontaminated packaging can be recycled.

## **SECTION 14: Transport information**

### **14.1 UN number**

Transport of this substance is not subject to regulations.

### **14.2 Proper designation of cargo according to UN model regulations**

Transport of this substance is not subject to regulations.

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

Transport of this substance is not subject to regulations.

### **14.4 Packing group**

Transport of this substance is not subject to regulations.

### **14.5 Environmental hazards**

Transport of this substance is not subject to regulations.

### **14.6 Special precautions for the user**

Transport of this substance is not subject to regulations.

### **14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code**

Not applicable to the product delivered.

## **SECTION 15: Statutory information**

### **15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture:**

This safety data sheet complies with the amended Regulation 1907/2006/EC - (REACH).

### **Seveso category - Directive 2012/18/EC:**

No

### **Restrictions on the product or substances contained therein in accordance with Annex XVII, Regulation (EC)**

### **No 1907/2006:**

No

### **Substances in the candidate list (Art. 59 REACH):**

The product contains no SVHC substances in a percentage higher than 0.1%.

### **Substances subject to authorisation (Annex XIV REACH):**

No

### **Substances for which export notification is required Regulation (EC) No 649/2012:**

No

### **Substances covered by the Rotterdam Convention:**

No

### **Substances covered by the Stockholm Convention:**

No

### **15.2 Chemical safety assessment:**

No chemical safety assessment of the product has been carried out.

## **SECTION 16: Other information**

The data and information in this sheet are the result of the knowledge available at the date of publication. The company cannot be held liable for damage to persons or property that may result from the use of the substance in any way other than that for which it is intended. The fiche does not replace, but supplements the texts or rules for the user's activity. The user is fully responsible for the precautions necessary for the use that

According to directive 1907/2006/EC, 2020/878  
Version 3.0 Revision date: 17-05-2024  
Trade name: Plaster of Paris bandage

Page 1 of 8  
Print date: 6-2-2025

will be made of the product. The user must determine the safety measures according to the legislation applicable to his activity.

This product complies with EN 13279-1: Gypsum binders and gypsum boards - Part 1: Definitions and requirements.

**Relevant sentences** (code and full text as indicated in chapters 2 and 3)

Not applicable.

**List of changes / designations of changes:**

This safety data sheet has been amended to comply with:

- ✓ Regulation (EC) 2020/878
- ✓ Regulation (EC) No 1272/2008

The recent amendments concern Sections 1, 2, 11, 12, 15 and 16.

**Abbreviations and acronyms :**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemicals; ASTM - American Association for the Testing of Materials; bw - body weight; CLP - Classification, Labelling and Packaging Regulation; Regulation (EC) no. 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardisation; DSL - Indoor Substances List (Canada); ECHA - European Chemicals Agency; EC number - EINECS number; ECx - Concentration associated with x% response; ELx - Load associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Cancer Research; IATA - International Air Transport Association; IBC - International IMO Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half-maximum inhibitory concentration; ICAO - International Civil Aviation Organisation; IECSC - Inventory of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Act (Japan); ISO - International Organization for Standardization; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a test population; LD50 - Lethal dose for 50% of a test population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not otherwise specified; NO(A)EC - No discernible (negative) effect on concentration; NO(A)EL - No discernible (negative) effect on level; NOELR - No discernible effect on chargeability; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Cooperation and Development OECD; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic Substance; PICCS - Philippine Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationships; REACH - Regulation (EC) no. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH); RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Inventory List; TRGS - Technical Regulations on Hazardous Substances; TSCA - Toxic Substance Control Act (USA); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative.