

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 1 de 10

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1- Product identifier

Product name: DRIED POWDER PORCELAIN.

Commercial Names: PORCELANA SA ATM, PORCELANA G-8 ATM, PORCELANA BC-10 ATM, PORCELANA ARTIKA ATM.

1.2- Relevant identified uses of the substance or mixture and uses advised against

Relevant uses: material used in the manufacture of various ceramic products (sanitary ware, tableware, decorative items, electrical insulators, etc.).

Uses advised against: uses other than those advised.

1.3- Safety data sheet supplier details

Supplier: Vicente Diez S.L.

Address: Calle Camino de Aldaya, 6. CP:46940 Manises, Valencia (Spain).

Phone number: 96 154 54 58

Email address: vdiez@vdiez.com

1.4- Emergency phone number

96 154 54 58 (Vicente Diez S.L). Office hours: Monday-Friday: 8:00-14:00

SECTION 2: HAZARD IDENTIFICATION

2.1- Classification of the substance or mixture

The product does not meet the criteria for classification as hazardous as defined in Regulation CE 1272/2008 and Directive 67/548/CEE.

2.2- Label elements

The product is not classified as dangerous according to Regulation N° 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.3- Other dangers

Under normal use and in its original form, the product has no other negative effects on health and the environment.

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 2 de 10

SECTION 3: COMPOSITION/INFORMATION ON COMPONENTS

3.1- Substances

Not applicable.

3.2- Mixtures

Identification	Chemical name	Concentration (%)	Classification (Regulation (UE) nº1272/2008)	
			Classification	Limits of conc.
CAS: 14808-60-7 CE: 238-878-4	Quartz	5-15 %	STOT RE2; H373	Substance to which an EU workplace exposure limit applies
CAS: 68476-25-5 CE: 270-666-7	Feldspar	20-40 %	DOES NOT CLASSIFY	
CAS: 1332-58-7 CE: 310-194-1	Kaolin	40-70 %	DOES NOT CLASSIFY	Substance to which an EU workplace exposure limit applies

SECTION 4: FIRST AID

4.1- First aid description

In case of inhalation: It is recommended to remove the exposed individual from the area so that they can breathe fresh air.

In case of skin contact: No specific first aid measures are necessary, wash with soap and water, if any type of irritation or allergic reaction occurs, consult a doctor.

In case of contact with eyes: Wash with plenty of water and seek medical attention if irritation persists.

En caso de ingestión: No es necesaria ninguna medida de primeros auxilios, enjuáguese la boca con abundante agua. Si persiste alguna molestia, acuda al médico.

4.2- Main symptoms and effects, acute and delayed

No symptoms or acute or delayed effects have been observed.

4.3- Indication of any immediate medical attention and special treatment required

No specific actions are required.

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 3 de 10

SECTION 5: FIRE FIGHTING MEASURES

5.1- Extinguishing media

Suitable extinguishing media: No specific extinguishing agent is required

Unsuitable extinguishing media: No restrictions on extinguishing media are necessary.

5.2- Special hazards arising from the substance or mixture

As a non-combustible substance, it does not present dangerous thermal decomposition.

5.3-Recommendations for firefighting personnel

No special fire protection is required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1- Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid generating airborne dust. Provide adequate ventilation. Use appropriate equipment to prevent any possible contamination of skin, eyes and clothing.

For emergency personnel: Avoid generation of airborne dust. Provide adequate ventilation and dust control. Use personal respiratory protection equipment in compliance with national legislation.

6.2- Environmental precautions

There are no specific requirements.

6.3- Methods and materials for containment and cleaning up

Spill containment: Construction of protective barriers and closure of drains.

Cleaning techniques: Use water spray cleaning systems or vacuum cleaning.

Others: Avoid dry sweeping as well as the creation of dust.

6.4- Reference to other sections

For exposure control and individual protection measures, see SECTION 8.

For waste disposal, follow recommendations SECTION 13.

SECTION 7: HANDLING AND STORAGE

7.1- Precautions for safe handling

Protective measures: Avoid formation of airborne dust.

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 4 de 10

Fire prevention measures: No special fire protection is required.

Measures to prevent dust and aerosol emissions: Ensure adequate ventilation where airborne dust is generated.

General hygiene recommendations at work: Do not eat, drink or smoke in work areas. Wash hands after handling work. Remove contaminated clothing and protective equipment before entering eating areas.

7.2- Safe storage conditions, including any incompatibilities

Technical measures and storage conditions: Minimize the generation of airborne dust and avoid its dispersion by wind during loading/unloading.

Requirements for storage facilities and warehouses: Keep containers closed and store packaged products in such a way as to prevent accidental breakage.

7.3- Specific end uses

Not applicable.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1- Control parameters

Comply with the occupational exposure limits specified in the standard for airborne dust types.

Chemical Agent	Valores límite	
	VLA-ED (mg/ m ³)	VLA-EC (mg/ m ³)
Crystalline silica	0.1	
Quartz	2	

VLA-ED: Environmental limit value-Daily exposure.

VLA-EC: Environmental limit value - Short-term exposure.

The occupational exposure limit in Spain for crystalline silica dust is 0.1 mg/m³, measured based on an 8-hour time-weighted average.

8.2- Exposure controls

Technical measures: Provide adequate ventilation, which can be achieved through good local extraction-ventilation and a good general extraction system.

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 5 de 10

Concentration	100%
Uses	Uses indicated in section 1.2
Respiratory protection	
EPI:	Self-filtering particle mask
CHARACTERISTICS:	<<CE>> marking Category III.
	Made of filtering material, it covers the nose, mouth and chin.
CEN standards:	EN 149:2001 +A1:2010
Observations:	If it is not properly adjusted, it does not protect the worker. The manufacturer's instructions must be followed regarding the proper use of the equipment.
Hand protection	
Use suitable gloves. Wash your hands after using the product.	
Eye protection	
Use approved safety glasses where there is a risk of eye injury from projected particles.	
Skin care	
There are no specific requirements. Appropriate protection is recommended for workers with dermatitis or sensitive skin.	

Environmental exposure controls: Avoid airborne dispersion.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1- Information on basic physical and chemical properties

a) Physical state: Atomized powder.

b) Color: White.

c) Odor: Not relevant.

d) Melting point/freezing point: >1300°C/ Not relevant.

e) Initial boiling point and boiling range: Not relevant.

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 6 de 10

f) Flammability: Not relevant.

g) Upper/lower flammability or explosive limits: Not relevant.

h) Flash point: Not relevant.

i) Autoignition temperature: Not relevant.

j) Decomposition temperature: >1300°C.

k) pH (400g/l of water at 20°C): 3-7

l) Kinematic viscosity: Not relevant.

m) Solubility: Practically insoluble in water.

n) Partition coefficient: n-octanol/water (logarithmic value): Not relevant.

o) Vapour pressure: Not relevant.

p) Density and/or relative density: 2.3-2.7 g/cm³.

q) Relative vapour density: Not relevant.

r) Particle characteristics: Not relevant.

9.2- Other data

Not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1- Reactivity

Inert, non-reactive.

10.2- Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3- Possibility of dangerous reactions

Absent.

10.4- Conditions to avoid

Avoid any type of incorrect handling.

10.5- Incompatible materials

None to this effect.

10.6- Hazardous decomposition products

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 7 de 10

It has no known hazardous decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1- Información sobre las clases de peligro definidas en el Reglamento (CE) nº1272/2008

Information on the hazard classes defined in Regulation (CE) nº 1272/2008

- a) *Acute toxicity*. Based on available data, the classification criteria are not met.
- b) *Skin corrosion/irritation*: Based on available data, the classification criteria are not met.
- c) *Serious eye damage/irritation*: Based on available data, the classification criteria are not met.
- d) *Respiratory or skin sensitization*: Based on available data, the classification criteria are not met.
- e) *Germ cell mutagenicity*: Based on available data, the classification criteria are not met.
- f) *Carcinogenicity*: Based on available data, the classification criteria are not met.
- g) *Reproductive toxicity*: Based on available data, the classification criteria are not met.
- h) *Specific target organ toxicity (STOP) - single exposure*: Based on available data, the classification criteria are not met.
- i) *Specific target organ toxicity (STOT) - repeated exposure*: Classified product: the product is not classified as such.

Inhalation: Prolonged or repeated inhalation of dust containing crystalline silica may cause lung damage.

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

11.2- Information about other hazards

Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1- Toxicity

Irrelevant.

12.2- Persistence and degradability

There is no information available on the persistence and degradability of the product.

12.3- Bioaccumulation potential

Irrelevant.

SAFETY DATA SHEET

(According to Annex II of Regulation (CE) No 1709/2006 as amended by Regulation (UE) 2020/878)

DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 8 de 10

12.4- Mobility in soil

There is no information available on mobility in soil.

12.5- Results of PBT and mPmB assessment

This substance does not contain any substances evaluated as PBT or mPmB.

12.6- Endocrine disrupting properties

This substance does not have endocrine disrupting properties on non-target organisms as it does not meet the criteria set out in Section B of Regulation (EU) n° 2017/2100.

12.7- Other adverse effects

There is no information available on other adverse effects on the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1- Methods for waste treatment

Waste/unused product disposal methods: Discharge into sewers or waterways is not permitted. Where possible, recycling is preferable to disposal.

Packaging disposal methods: Reuse of packaging is not recommended.

Waste and empty containers must be handled and disposed of in accordance with current local/national legislation. Consult the waste manager for recovery and disposal operations.

Follow the provisions of Directive 2008/98/CE

SECTION 14: TRANSPORT INFORMATION

14.1- ONU number or ID number

Irrelevant.

14.2- United Nations proper shipping designation

Irrelevant.

14.3- Transport hazard class(es)

ADR: Not classified.

IMDG: Not classified.

ICAO/IATA: Not classified.

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DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

Print date: 21/02/25

Página 9 de 10

RID: Not classified.

14.4- Packing group

Irrelevant.

14.5- Dangers to the environment

Irrelevant.

14-6- Special precautions for users

There are no special precautions.

14.7- Bulk maritime transport under OMI instruments

Irrelevant.

SECTION 15: REGULATORY INFORMATION

15.1- Safety, health and environmental regulations and legislation specific to the substance or mixture

- It does not contain substances subject to restrictions according to Annex XVII of the REACH Regulation.
- It does not contain substances subject to the list of Annex XIV of the REACH Regulation.
- Regulation (CE) 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).
- The product is not affected by Regulation (CE) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

15.2- Chemical Safety Assessment

No chemical safety assessment has been carried out on this substance.

SECTION 16: OTHER DATA

Recommendations

It is advisable to undertake basic training in occupational health and safety in order to handle the product correctly.

Abbreviations and acronyms used

PBT: Persistent, bioaccumulative and toxic.

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DRIED POWDER PORCELAIN

Version: R.2.1

Revision date: 1/04/22

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Página **10** de **10**

mPmB: Very persistent and very bioaccumulative.
N.º CAS: Chemical Abstracts Service registration number
CE: European Community.
CEN: European Committee for Standardization.
EPI: Personal protective equipment
REACH: Regulation (EC) No 1907/2006 on the registration, evaluation, authorisation and restriction of chemical substances and mixtures.
ECHA: European Chemicals Agency.
ADR: European Agreement concerning the International Transport of Dangerous Goods by Road.
IMDG: International Maritime Dangerous Goods Code.
ICAO: International Civil Aviation Organization.
IATA: International Air Transport Association.
RID: Regulations for the transport of dangerous goods by rail.

Sections modified with respect to the previous version

Changes have been made to sections 3.2 and 8.1 of this SDS compared to the previous version (version R.2.0), thus modifying the headings to comply with the provisions of the Regulation.

Referencias bibliográficas

Regulation (UE) 2020/878.

Regulation (CE) 1907/2006

Regulation (EU) 1272/2008

The information in this Product Safety Data Sheet is based on current knowledge and on current CE and national laws, as the working conditions of users are beyond our knowledge and control. The product must not be used for purposes other than those specified, without first having written instructions on its use. It is always the user's responsibility to take appropriate measures in order to comply with the requirements established by legislation.