

MATERIAL SAFETY DATA SHEET

(In compliance with REACH Regulation EC 1907/2006)

Section 1: Chemical Product and Company Identification

Product Name: Natural Pozzolan
Synonym: Pozzolan

Identification of the Company :
 PROLAT
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Section 2: Composition and Information on Ingredients

Name	Chemical	EINECS	CAS	REACH Registr. No	Classification EU (67/548/EC)
Pozzolan	Amorphous Silicon dioxide			Exempted	None

Section 3: Hazards Identification

Pozzolan does not meet the criteria for classification as dangerous as defined in Directive 67/548/EEC.

Precautionary Information: Depending on the type of handling and use, airborne dust may be generated. Occupational exposure to dust should be monitored and controlled.

Section 4: First Aid Measures

No actions are to be avoided, nor are there any special instructions for rescuers

SKIN CONTACT: Not hazardous. No special first aid measures necessary.

EYE CONTACT: Rinse with copious quantities of water immediately.

INJECTION: Not hazardous. No special first aid measures necessary.

INHALATION: No special first aid measures. Remove to fresh air and consult a physician if necessary.

Section 5: Fire and Explosion Data

The product does not burn. No hazardous releases in case of fire

Suitable extinguishing media:	Not applicable
Extinguishing media which should not be used:	Not applicable
Special exposure hazards:	Not applicable
Special protective equipment for fire fighters:	Not applicable

Section 6: Accidental Release Measures

Personal precautions:	Avoid airborne dust generation. In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment in compliance with national legislation.
Environmental precautions:	No special requirements.
Methods for cleaning up:	Use water spraying or vacuum cleaning systems to prevent airborne dust generation. Avoid dry sweeping.

Section 7: Handling and Storage

Handling	Avoid airborne dust generation. Handle bags carefully so as to prevent accidental bursting. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. If you require advice on safe handling techniques please contact your supplier.
Storage	Ensure abatement of airborne dust produced during the loading of silos. Keep containers closed and store bagged products so as to prevent accidental bursting.
Specific use(s)	If you require advice on specific uses, please contact your supplier.

Section 8: Exposure Controls/Personal Protection

Exposure limit values

Respect workplace regulatory provisions for all types of airborne dust (total dust, respirable dust).
The OEL (Occupational Exposure Limit) for respirable dust is 5mg/m³ in Greece, measured as an 8 hour TWA (Time Weighted Average). For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.

Exposure controls

Occupational exposure controls

Control of occupational exposure may be achieved by enclosing plant and equipment and by ensuring good standards of ventilation in the workplace. Provide appropriate local exhaust ventilation in places where airborne dust is generated. Isolate personnel from dusty areas. In case of insufficient ventilation, wear suitable respiratory protective equipment. Maintain good hygiene standards and wash soiled clothing regularly.

Respiratory protection:	In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment (eg dust mask or respirator with particulate filter) that complies with EN149:2001. It is good practice to conduct fit-testing when selecting respiratory protective equipment.
Hand protection:	No specific hazard.
Eye protection:	Wear safety goggles or safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.
Skin protection:	No specific hazard.

Environmental exposure controls

No specific requirements.

Section 9: Physical and Chemical Properties

General information

Appearance: Solid, pinkish white
Odour: Odourless

Important health, safety and environmental information

Density:	2.50g/cm ³
pH:	7
Water solubility:	No
Solubility in hydrofluoric acid:	Yes
Boiling point/boiling range:	Not applicable
Flash point:	Not flash point
Flammability (solid, gas):	Not flammable
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising
Vapour pressure:	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Viscosity:	Not applicable
Vapour density:	Not applicable
Evaporation rate:	Not applicable

Other information

Melting point: >1200°C

Section 10: Stability and Reactivity Data

Conditions to avoid: No particular incompatibility
Materials to avoid: No particular incompatibility
Hazardous decomposition products: Chemically stable

Section 11: Toxicological Information**Acute effects**

Skin irritation: Data shows no skin irritation effects.
Eye irritation: Data shows no eye irritation effects.

Section 12: Ecological Information

No specific adverse effects known. Not persistent, not bio accumulative.

Section 13: Disposal Considerations

Waste from residues/unused products: Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.
Packaging: No specific requirements.

Section 14: Transport Information

No special precautions are required under regulations relating to the transportation of dangerous goods.

Section 15: Regulatory Information**National Legislation****European Legislation**

Directive 67/548/EEC: Pozzolan does not meet the criteria for classification as dangerous as defined in Directive 67/548/EEC.

International Legislation**Section 16: Disclaimers of liability and other information****Third party materials**

Insofar as materials not manufactured or supplied by PROLAT are used in conjunction with, or instead of Prolat materials, it is the responsibility of the customer himself to obtain, from the manufacturer or supplier, all technical

data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Prolat' Pozzolan in conjunction with materials from another supplier.

Liability

Such information is to the best of PROLAT knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.