

Safety data sheet

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

Genuine shell quarry
Status 08.2018

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

1. name of the substance/mixture and of the company/undertaking

1.1. product identifier: mother-of-pearl

1.1.2 Designation: Genuine shell quarry

1.1.3 REACH-

Registration No.: Exempt from registration according to Annex V.7

1.2 Relevant identified uses of the substance / uses advised against:

Decorative use in the building industry, etc. / none known

1.3. details of the supplier providing the safety data sheet.

Company name: edelundstein GmbH
Address: Einsteinstraße 12
Location and country: 33104 Paderborn
GERMANY
Tel. : +49 5254 / 933 07 31
Fax: +49 5254 / 933 07 33

E-mail of the competent person,
the information required for the safety data sheet
is responsible for: info@edel-und-stein.com

1.4. emergency number

For urgent information / technical information contact: Dr Felix Ferlemann +49 170 / 736 29 24.

SECTION 2: Potential hazards

2.1 Classification of the substance

Classification according to Regulation (EC) 1272/2008:

No classification

2.2 Marking elements

Hazard labelling according to Regulation (EC) 1272/2008:

none

2.3 Other hazards

Depending on the treatment and use (e.g. grinding), fine dusts may be produced.

SECTION 3: Composition/Information on ingredients

3.1. fabric

Description:

Natural calcium carbonate (approx. 97 %), obtained from mussel shells.

CAS No. 471-34-1

EC No 207-439-9

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:

Provide fresh air. Consult a doctor in case of complaints.

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In case of skin contact:

Clean with water. No special measures required.

After eye contact:

Rinse immediately with plenty of clean water. Consult a doctor if irritation persists.

After ingestion:

Rinse out mouth. Consult a doctor in case of complaints.

4.2 Most important symptoms and effects, both acute and delayed

None known

4.3. indications for immediate medical help or special treatment

none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

No special extinguishing agents necessary - match to the surrounding fire.

5.2 Special hazards arising from the substance or mixture

The product itself does not burn. No hazardous decomposition products.

5.3 Advice for fire fighting

No specific measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust. Wear respiratory protective equipment in case of dust formation.

6.2 Environmental protection measures

No special measures required. See section 12.

6.3 Methods and material for containment and cleaning up

Pick up mechanically, dust-free. Avoid dry sweeping, use suction systems for cleaning. Fill into closed containers for disposal.

6.4 Reference to other sections

See section 8 and 13.

SECTION 7: Handling and storage

7.1 Protective measures for safe handling

Avoid dust formation. Areas with dust formation must be equipped with suitable ventilation systems. In case of insufficient ventilation wear suitable respiratory protection (see section 8).

7.2 Conditions for safe storage taking into account incompatibilities

Store in closed containers, frost-free and dry. Can be stored together with other substances.

7.2.1 Storage class according to VCI concept:

13 Non-combustible solids

7.3 Specific end uses

No further references available.

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SECTION 8: Exposure controls/personal protective equipment

8.1 Parameters to be monitored

Occupational exposure limits:

General dust limit value of the workplace concentration.

Land	Verordnung	General	dust, inhalable fraction	General	dust, alveolar fraction
Germany	TRGS 900		10 mg / m ³		1.25 mg / m ³
Switzerland	Suva List 2014 (MAK value for inert substances)		10 mg / m ³		3 mg / m ³
Austria	GKV 2011 (MAK values for biological inert substances)		10 mg / m ³ 2.		5 mg / m ³

For information on other countries' limits, contact knowledgeable occupational hygiene experts or the relevant regulatory authority in the country concerned.

Biological limits:

none

8.2 Exposure controls and monitoring

8.2.1 Suitable technical control devices

Provide good ventilation and dust filters when handling loose product.

8.2.2 Personal protective equipment

General:

Do not inhale dust. Do not eat or drink while working. Remove soiled clothing and wash before reuse. Separate street and work clothes.



Eye / face protection:

In case of dust formation with possible mechanical irritation of the eyes, wear protective goggles with side shields.

Skin / hand / body protection:

No special protection required.

Respiratory protection:

Wear an appropriate fine dust mask (FFP2) if dust is generated.

8.2.3 Limitation and monitoring of environmental exposure

No data available.

SECTION 9: Physical and chemical properties

9.1. information on the basic physical and chemical properties

Aggregate state	solid (granules)
Odourless	
Colour	White iridescent

Safety-relevant basic data

pH value	not determined
Melting point	not determined

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Boiling point	not applicable
Auto-ignition temperature	Flammability non-flammable
Decomposition temperature	not applicable
Flash point	not applicable
Density	non-flammable
Bulk density	1.24 g / cm ³
Water solubility	1.10 g / cm ³
Loss on ignition at 1000 °C	practically insoluble
Explosive properties	10%
	none

SECTION 10: Stability and reactivity

10.1 Reactivity

The product itself does not burn.

10.2 Chemical stability

Stable material not known to react dangerously with other substances.

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid

None known

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

None known

SECTION 11: Toxicological information

11.1 Toxicological effects

None known. Based on available data, the classification criteria are not met.

SECTION 12: Environmental information

12.1 Toxicity

Not relevant

12.2 Persistence and degradability

Not relevant

12.3 Bioaccumulative potential

Not relevant

12.4 Mobility in soil

negligible

12.5 Results of the PBT and vPvB assessment

Not relevant

12.6 Other adverse effects

No harmful effects known.

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SECTION 13: Disposal instructions

13.1 Waste treatment processes

13.1.1 Disposal of the product / packaging

Waste / Residuals:

Within the scope of the respective existing possibilities, recycling always has priority over disposal. Disposal must be carried out in accordance with international, national and regional regulations.

Packaging material:

Avoid dust formation due to residues in packaging. Keep contaminated packaging materials in closed containers. Recycling and disposal must be carried out in accordance with local regulations and should be carried out by certified disposal companies.

SECTION 14: Transport information

UN number:	not relevant
Proper UN shipping name:	not relevant
Transport hazard class:	no classification
Packaging group:	not relevant
Environmental hazards:	not relevant
Special precautions for the user:	no special safety precautions
Bulk transport in accordance with Annex II of the MARPOL Convention 73 / 78 u. according to IBC Code:	not relevant

SECTION 15: Legislation

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

15.1.1 EU regulations

none

15.1.2. National regulations

Water hazard class: NWG - not hazardous to water

TRGS 900 (occupational exposure limit values)

TRGS 559 (Mineral Dust)

TA-Luft (Technical Instructions on Air Quality Control)

15.2 Chemical Safety Report

not applicable (not subject to REACH registration according to Annex V.7)

SECTION 16: Other information

16.1 Changes compared to the last version:

First edition

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16.2 Liability

The information in this safety data sheet is based on our present knowledge and relates to the product as delivered. However, no guarantee or warranty is given for the accuracy, reliability or completeness of the information given here. It is the responsibility of the user to satisfy himself as to the suitability and completeness of the information for his particular application.