

# Safety Data Sheet

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



## WALL COATING

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

#### 1.1. Product identifier

**Trade Name/Designation:**

Wall coating

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

**Use of the substance/mixture:**

Marble lime plaster for the living and wellness area.

#### 1.3. Details of the manufacturer/supplier

VOLIMEA GmbH & Cie. KG  
Josef-Rodenstock-Straße 5  
37308 Heilbad Heiligenstadt

**Phone: 03606/50 666 0**

**Fax: 03606/50 666 10**

**Email:** info@volimea.de - www.volimea.de

#### 1.4. Informative area:

**Phone:** 03606/50 666 20

#### 1.5. Emergency number

**During business hours:**

**Telephone:** 03606/50 666 0 (Mon-Fri: 8:00 - 17:00)

Ms Dorenwendt-Zarski

**E-mail (competent person):** info@volimea.de

### SECTION 2: POTENTIAL HAZARDS

#### 2.1. Classification of the substance or mixture, classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as dangerous according to Regulation (EC) No 1272/2008 [CLP].

Hazard classes and hazard categories	Hazard warnings	Classification procedure
Serious eye damage/irritation (Eye Dam. 1)	H318: Causes serious eye damage.	

#### 2.2. Marking elements

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

The product does not have to be labelled according to EC directives or the respective national laws.

**Hazard Pictograms:**



**GHS05/corrosivity**

**Signal word:** Danger

Supplementary hazard characteristics (EU):	
H318	Causes severe eye damage.

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Safety instructions	
P102	Keep out of the reach of children.
Safety instructions Prevention	
P280.3	Wear protective gloves and clothing.
Safety instructions Reaction	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing.
P337+P313	If eye irritation persists: Seek medical advice/attention.
Safety instructions Disposal	
P501	Dispose of contents/container to hazardous waste collection point.

## 2.3. Other hazards

### Possible adverse effects on humans and possible symptoms:

May cause skin and eye irritation.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

#### Description:

Mixture of lime, cement and additives

#### Hazardous Ingredients/Hazardous Impurities/Stabilizers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP].	Concentration
CAS No.: 1317-65-3 EC No: 215-279-6	Limestone (Limestone)	30 - 50 wt.%
CAS No.: 7778-18-9 EC No: 231-900-3	Cast	20 - 40 wt%
CAS No.: 65997-15-1 EC No: 266-043-4	Cement: Eye Dam. 1, STOT SE 3, Skin Irrit. 2, Skin Sens. 1	5 - 10 wt%

Wording of H- and EUH-phrases: see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information:

Remove casualty from danger zone. Remove contaminated, soaked clothing. In the event of unconsciousness, place the victim in the recovery position and seek medical advice. Do not leave the victim unattended. In case of indisposition, seek medical advice/medical assistance.

#### After inhalation:

Provide fresh air. Inhalation of dust/mist or aerosol causes respiratory irritation. Consult a doctor in case of respiratory irritation.

#### In case of skin contact:

Wash off with plenty of water.

#### For skin irritation:

Seek medical advice/medical assistance.

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**After eye contact:**

In case of contact with eyes, rinse thoroughly with water. In case of eye irritation, consult an ophthalmologist.

**After ingestion:**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Seek medical advice/attention.

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

Causes severe eye irritation. May cause skin irritation. May cause respiratory irritation.

**4.3. Indications for immediate medical help or special treatment**

Symptomatic treatment.

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## SECTION 5: FIRE-FIGHTING MEASURES

**5.1. Suitable extinguishing agents**

**Suitable extinguishing media:**

Adapt extinguishing measures to the surroundings.

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

The product itself does not burn. No special fire protection measures required.

**Hazardous combustion products:**

In case of fire, toxic gases/vapours may be generated.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and chemical protective suit.

**5.4. Additional notes**

Collect contaminated extinguishing water separately. Do not allow to enter drains or water courses.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**6.1.1. Personnel not trained for emergencies**

**Personal Precautions:**

Avoid contact with eyes and skin. Special slip hazard due to leaking/spilled product. Take persons to safety.

**Protective Equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

**6.1.2. Forces**

**Personal Protective Equipment:**

Personal protective equipment: see section 8

**6.2. Environmental measures**

Do not allow to enter drains or water courses. Do not allow to enter the ground/soil.

**6.3. Methods and material for retention and cleaning**

**For restraint:**

Pick up mechanically. Avoid dust formation. In case of dust formation: Moisten dust, fill into a tightly closing container and remove safely!

**For cleaning:**

Use water with added surfactants.

**6.4. Reference to other sections**

**Safe handling:** see section 7 **Personal protective**

**equipment:** see section 8 **Disposal:** see section 13

**6.5. Additional notes**

Use suitable container to avoid environmental contamination.

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## SECTION 7: HANDLING AND STORAGE

### 7.1. Protective measures for safe handling

#### Instructions for safe handling:

Avoid dust formation. Do not inhale dust. Avoid contact with skin, eyes and clothing. Remove contaminated, soaked clothing. Wear personal protective equipment (see section 8).

#### Fire safety measures:

No special measures are required. Usual measures of preventive fire protection.

#### Environmental protection measures:

Entry into the environment must be avoided.

#### Notes on general industrial hygiene:

Do not eat, drink or smoke during processing. Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Use skin care products after work.

### 7.2. Conditions for safe storage taking into account incompatibilities Technical measures and storage conditions:

Keep container tightly closed and store in a cool, well-ventilated place.

#### Conditions to avoid:

Frost, heat, UV radiation/sunlight.

#### Requirements for storage rooms and containers:

Floors should be impervious, liquid resistant and easy to clean. Keep/store only in the original container.

#### Storage together instructions:

Keep away from food, drink and animal feeding stuffs.

#### Storage Class:

13 - non-combustible solids which cannot be assigned to any of the above storage classes.

### 7.3 Specific end uses

#### Recommendation:

Wall coatings. Follow the instructions for use.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

### 8.1. Parameters to be monitored

Limit value type (country)	Substance name	1 Long-term occupational exposure limit 2 Short-term workplace limit value 3 Instantaneous value 4 Monitoring or observation procedures 5 Comment
TRGS 900 (DE)	Cast CAS No.: 7778-18-9	1 6 mg/m <sup>3</sup> 5 (alveolar fraction)
DFG (DE)	Cast CAS No.: 7778-18-9	1 4 mg/m <sup>3</sup> 5 (inhalable fraction)
DFG (DE)	Cast CAS No.: 7778-18-9	1 1,5 mg/m <sup>3</sup> 5 (alveolar fraction)

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TRGS 900 (DE)	general dust limit, inhalable	1 10 mg/m <sup>3</sup> 2 20 mg/m <sup>3</sup> 5 Dust limit value inhalable fraction
DFG (DE)	general dust limit, inhalable	1 4 mg/m <sup>3</sup> 5 Dust limit value inhalable fraction
TRGS 900 (DE)	general dust limit value, alveolar	1 1,25 mg/m <sup>3</sup> 2 2,5 mg/m <sup>3</sup> 5 Dust limit value alveolar fraction
DFG (DE)	general dust limit, alveolar	1 0,3 mg/m <sup>3</sup> 2 2,4 mg/m <sup>3</sup> 5 Dust limit value alveolar fraction

## 8.1.2. Biological limits

No data available.

## 8.1.3. DNEL/PNEC values

No data available.

## 8.2 Exposure controls

### 8.2.1. Suitable technical control devices

Technical measures and the use of appropriate work procedures take priority over the use of personal protective equipment. Ventilate the affected area.

### 8.2.2. Personal protective equipment



#### Eye/face protection:

During filling and decanting; wear goggles with side protection (DIN EN 166).

#### Skin protection:

We recommend that you rub your hands with water-resistant skin protection products before starting work.

#### Decanting and decanting:

Tested protective gloves must be worn (DIN EN 374).

Chemical protective gloves are to be selected in their design depending on the concentration and quantity of hazardous substances specific to the workplace. It is recommended to clarify the chemical resistance of the above mentioned protective gloves for special applications with the glove manufacturer. If gloves are to be reused, clean them before taking them off and store them in a well-ventilated place.

#### Respiratory protection:

Normally no personal respiratory protection necessary. Avoid dust formation. Provide adequate ventilation. Respiratory protection must be used when exposed to vapours, dusts and aerosols. Use suitable respiratory protection. Particle filter device (DIN EN 143), filter type (P2).

#### Other protective measures:

Wear suitable protective clothing when working.

### 8.2.3. Limitation and monitoring of environmental exposure

No data available.

## 8.3 Additional notes

No data available.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Appearance

**Physical state:** solid, powder

**Color:** different, depending on the coloring

**Odour:** odourless

Parameter		at 0°C	Method	Comment
pH value	not specified			
Melting point/freezing point	not specified			
Freeze	not specified			
Initial boiling point and boiling range	not specified			
Decomposition temperature	not specified			
Flash point	inapplicable			
Evaporation rate	not specified			
Ignition temperature	not specified			
Upper/lower flammability or explosion limits	inapplicable			
Vapour pressure	not specified			
Vapour density	inapplicable			
Density	inapplicable			
Bulk density	600 - 700 kg/m <sup>3</sup>	20 °C		
Water solubility	dispersible			
Partition coefficient n-octanol/water	not specified			
Viscosity, dynamic	not specified			
Viscosity, kinematic	not specified			

### 9.2. Other information

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

The product itself does not burn.

### 10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

### 10.3. Possibility of dangerous reactions

No hazardous reactions will occur if handled and stored as directed.

### 10.4. Conditions to avoid

Frost, heat, UV radiation/sunlight.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

In case of fire, toxic gases/vapours may be generated.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute oral toxicity:**

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

**Corrosive/irritant effect on the skin:**

Based on available data, the classification criteria are not met. May cause skin irritation.

**Eye damage/irritation:**

Causes severe eye irritation.

**Sensitization of respiratory tract or skin:**

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

**Specific target organ toxicity at single exposure:**

May cause respiratory irritation. Based on available data, the classification criteria are not met.

**Aspiration hazard:**

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

## SECTION 12: ENVIRONMENTAL INFORMATION

### 12.1 Toxicity

**Aquatic toxicity:**

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

**Behaviour in sewage treatment plants:**

The insoluble portion can be mechanically separated in suitable wastewater treatment plants.

**Additional ecotoxicological information:**

Avoid entry into the environment. Do not allow to enter drains. Do not allow to enter the ground/soil.

### 12.2. Persistence and degradability

**Biodegradation:**

The methods for determining biodegradability are not applicable to inorganic substances.

### 12.3. Bioaccumulative potential

**Accumulation/Valuation:**

No indication of bioaccumulation potential.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	CAS No. Substance name Results of PBT and vPvB assessment
	general dust limit, inhalable	-
	general dust limit, alveolar	-

### 12.6. Other adverse effects

No data available.

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## SECTION 13: INSTRUCTIONS FOR DISPOSAL

### 13.1. Waste treatment process

#### 13.1.1. Disposal of the product/packaging

Waste codes/waste designations according to EAK/AVV

##### Waste code Product:

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
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##### Waste code packaging:

15 01 02	Plastic packaging
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
17 02 03	Plastic

##### Waste treatment solutions Proper disposal/product:

Dispose of in accordance with official regulations. For waste disposal, contact the responsible authorised waste disposal company. Contact the manufacturer for recycling.

##### Proper disposal/packaging:

Completely emptied packaging can be recycled.

##### Other disposal recommendations:

The allocation of waste code numbers/waste designations must be carried out in accordance with EAKV on an industry and process-specific basis. Collect in suitable, closed containers and take for disposal.

### 13.2. Additional information

Waste for disposal shall be classified and labelled.

## SECTION 14: TRANSPORT INFORMATION

No dangerous goods in the sense of these transport regulations.

### 14.1. UN no.

not relevant

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard classes

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for the user

not relevant

### 14.7. Carriage in bulk in accordance with Annex II of MARPOL 73/78 and the IBC Code

not relevant



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## SECTION 15: LEGAL PROVISIONS

### 15.1. safety, health and environmental regulations/legislation specific to the substance or mixture

#### 15.1.1. EU regulations

The product complies with the requirements of the EU Directive 2004/42/EC on the limitation of VOC content.

#### 15.1.2. National regulations

[National regulations Water hazard class (WGK) WGK:

1 - slightly hazardous to water

#### Remark:

Classification according to VwVwS, Annex 4.

#### Regulations of the Employer's Liability Insurance Association (BGV)

BGV D25 Processing of coating materials

### 15.2. Chemical Safety Assessment

No data available.

### 15.3. Additional information

No data available.

## SECTION 16: OTHER INFORMATION

### 16.1. Change notices

No data available.

### 16.2. Abbreviations and acronyms

For abbreviations and acronyms see ECHA: Guidance on information requirements and chemical safety assessment, Chapter R.20 (List of terms and abbreviations).

### 16.3. Important literature references and data sources

No data available.

### 16.4. Classification of mixtures and assessment method used according to Regulation (EC) No 1272/2008 [CLP].

Hazard classes and hazard categories	Hazard warnings	Classification procedure
Serious eye damage/irritation (Eye Dam. 1)	H318: Causes serious eye damage.	

### 16.5. Wording of R-, H- and EUH-phrases (number and full text)

Hazard warnings	
H315	Causes skin irritation.
H317	May cause allergic skin reactions.
H318	Causes severe eye damage.
H335	May cause respiratory irritation.

### 16.6. Training information

No data available.

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## 16.7. Additional notes

The information provided in this safety data sheet is correct to the best of our knowledge at the time of printing. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, blended or processed with other materials, or is exposed to any other substances, do not use it for any other purpose.

If the new material is subjected to processing, the information in this safety data sheet cannot be transferred to the new material thus produced, unless it expressly states otherwise.

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