

**SAFETY DATA SHEET**

according to VO (EC) no. 1907/2006 and no. 453/2010

revised on: 14/04/2015  
replaces version of: 21/02/2015**1 Designation of the substance or the preparation and company designation****1.1 Product identifier**Trade name  
ORTNER Modelling plaster (Modellierputz)**1.2 Relevant identified uses of the substance or mixture and uses advised against**Identified uses  
The ORTNER fine free-style structural plaster 0 – 0.5 mm is a hydraulically-setting, white plaster mortar, suitable for areas exposed to temperatures up to 200°C. Plastering in layers.**1.3 Details on the supplier who provides the safety data sheet**

Supplier	ORTNER GesmbH Hürmer Straße 36 A-3382 Loosdorf Tel. +43 (0) 2754 / 2707 – 0 E-Mail: office@ortner-cc.at
Contact person	DI Martin Brader

**1.4 Emergency number**

European emergency number	112
Poison information centre	+43 1 406 43 43 (only for Austria)

**2. Possible hazards****2.1 Classification of the substance or mixture****2.1.1 Classification in accordance with regulation (EC) no. 1272/2008**STOT SE 3, route of exposure: Inhalation  
Skin irritation 2  
Eye damage 1**2.1.2 Classification according to directive 67/548/EEC**

Xi; irritant



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### 2.2 Labelling elements

#### 2.2.1 Labelling in accordance with regulation (EC) no. 1272/2008

Signal word:

Hazard

Hazard pictograms:



Hazard warnings:

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

Safety instructions:

P102

Keep out of reach of children.

P280

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

P305 + P351 + P338 + P310

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.

P332 + P313

If skin irritation occurs: Get medical advice/attention.

P261 + P304 + P340

Avoid breathing dust. IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P501

Dispose of contents/container in accordance with local regulations

#### 2.2.2 Labelling according to directive 67/548/EEC

Hazard characteristics:

Xi; irritant



Designation of the specific hazards (R statements):

R37/38-41 Irritating to the respiratory system and skin, risk of serious damage to eyes.

R43 May cause sensitization by skin contact

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This product contains less than 1% alveolar quartz, as a result the classification criteria are not met.

**3.1 Substances:**Main components:

Calcium sulphate, lime, marble sand and marble powder as filler

Components that may present a health hazard:

CAS-Nr.	EINECS-Nr.	chemical designation	Content [%]
1350-62-0	215-137-3	calciumdihydroxid	1 - 10

Impurities:

No impurities that are of relevance to the classification and labelling.

**4. First-aid measures****4.1 Description of the first-aid measures**General information

No special measures are required.

After inhaling

Remove dust source or evacuate the victim to fresh air. Get immediate medical advice/attention.

After skin contact

Wipe off contaminated skin thoroughly and carefully in order to remove all product residue. Wash off the affected area immediately with plenty of water. Remove contaminated clothing. If necessary, get medical advice/attention.

After contact with eyes

Thoroughly rinse the eyes immediately with plenty of water and consult a physician.

After swallowing

Rinse mouth with water and drink plenty of water. Get medical advice/attention.

**4.2 Most important acute and delayed occurring symptoms and effects**

The mixture is not toxic when swallowed, in contact with the skin or when inhaled. Lime is classified as skin and respiratory irritants. There is the risk of severe eye damage. Systematic effects are not to be feared, as the pH effect presents the main health risk.

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

The information provided in section 4.1 must be observed.

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**5. Fire-fighting measures****5.1 Extinguishing agent**

Not combustible

**5.2 Specific hazards posed by the substance or mixture**

Not combustible. No hazardous thermal decomposition products.

**5.3 Information for fire fighting**

No special measures are required.

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**6. Measures in the event of unintended release****6.1 Personal safety precautions, protective equipment and procedures to be used in emergencies**

Avoid the generation of dust. Use suitable protective clothing

**6.2 Environmental protection measures**

Collect spilled material and dispose of as described in section 13. Do not allow to enter drains, sewers or watercourses.

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

Collect dry, avoid the generation of dust, keep the material as dry as possible, use a vacuum cleaner or shovel into bags

**6.4 Reference to other sections**

See sections 8 and 13.

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**7. Handling and storage****7.1 Protective measures for safe handling**

Avoid contact with the skin and eyes. Avoid eating, drinking and smoking when using the product. Avoid the inhalation of dust.

**7.1.1 General recommendations**

Avoid direct contact.

Protect against moisture.

Avoid the generation of dust

**7.1.2 Information on general hygiene measures at the workplace**

Keep away from food, beverages and animal feed.

Regular cleaning of the workplace with suitable cleaning equipment

**7.2 Conditions for safe storage under consideration of incompatibilities**

Store at a cool and dry place.

Protect against moisture.

**7.3 Specific end uses**

see 1.2



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### 8. Limitation and monitoring of the exposure / personal protection equipment

#### 8.1 Parameters to be monitored

Comply with the occupational limit value (8 h); max. 1 mg/m<sup>3</sup> (alveolar fraction) and max. 10 mg/m<sup>3</sup> (respirable fraction)

#### 8.2 Limitation and monitoring of the exposure

##### 8.2.1 Suitable technical control devices

It must be ensured with the usage of ventilation systems and other technical measures that the dust load remains within the limit values.

##### 8.2.2 Individual protective measures, e.g. personal protection equipment

###### 8.2.2.1 Eye/face protection

In the event of dust formation or the risk of splashing, tightly sealing safety goggles in accordance with EN 166 must be used.

###### 8.2.2.2 Skin protection

Skin contact must be minimised as far as technically possible. Protective gloves (nitrile), standard protective clothing, which fully covers the skin, long trousers, overalls with long sleeves and closely fitting cuffs at the openings as well as shoes that are resistant against caustic agents and are dustproof, must be worn.

Observe the skin protection plan. In particular, use skincare products after work.

###### 8.2.2.3 Respiratory protection

In the event that the adherence of the occupational limit values is not possible by means of dust-related measures, e.g. local extraction units, then half-face respirator with a particle filter of the type FFP 2 (tested according to EN 149) must be used.

###### 8.2.2.4 Thermal hazards

No thermal hazards are present in the event of correct handling.

##### 8.2.3 Limitation and monitoring of the environmental exposure.

Filtering of the exhaust air from ventilation systems. Prevent the uncontrolled release into watercourses.

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State of aggregation / form	Solid / powder
Paint	White
Odour	Characteristic

**Safety-relevant data**

Melting point	not intended
Bulk density	1,5 g/cm <sup>3</sup>
Solubility	Water < 5g/l
pH value	Water 10,5 – 11,5 (100 g/l)
Explosion hazard	No
Oxidising properties	No
Solids content	100 %

**9.2 Other details**

None

**10. Stability and reactivity****10.1 Reactivity**

Non reactive.

**10.2 Chemical stability**

Chemically stable.

**10.3 Possible hazardous reactions**

Not applicable.

**10.4 Conditions to be avoided**

Protect the product against moisture.

**10.5 Incompatible materials**

Unknown.

**10.6 Gefährliche Zersetzungsprodukte**Above 700°C SO<sub>3</sub> can result as decomposition product

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**11. Specifications on toxicology**

Under observance of the specifications under points 7 and 8. No specific hazards known.  
Irritation of the eyes and mucous membranes occurs due to alkaline reactions.  
The product is not an emission source for VOC substances. (Volatile organic compounds.)

**11.1.3 Severe damage/irritation of the eyes**

Danger of serious eye damage

**11.1.4 Sensitization of the respiratory tract/skin**

Not classified

**11.1.8 Specific target organ systemic toxicity in the event of single exposure**

Irritates the respiratory tract

**11.1.9 Specific target organ systemic toxicity in the event of repeated exposure**

Classification criteria not met

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**12. Umweltbezogene Angaben**

Reacts alkaline with water (pH = 10,5 – 11,5).

Is only possible in the event of the unintentional release of larger amounts, in combination with water, with an increased pH value.

WGK 1 (self-classification): Slightly hazardous to water. After hardening with water there are no ecotoxicological risks.

**12.1 Toxicity****12.1.8 General effect**

Acute pH effect

**12.2 Persistence and degradability**

In the event of the introduction of washing water in running water, ground water or in the sewage system, in particular the legal regulations on water protection and the necessary permissions must be observed.

**12.3 Bioaccumulation potential**

Not applicable to inorganic substances

**12.4 Mobility in soil****12.5 Result of the PBT and vPvB assessment**

Not applicable

**12.6 Other harmful effects**

Not applicable to inorganic substances



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### 13. Information on disposal

#### 13.1 Procedure for waste treatment

Allow residual amounts to harden with water and dispose of as construction waste.  
The disposal must be performed in accordance with national and regional regulations.

#### Contaminated packaging

Contaminated packaging must be emptied optimally. Following appropriate cleaning, this can be submitted for recycling.

#### Cleaned packaging

Non-contaminated and cleaned packaging can be submitted for recycling.

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### 14. Specifications on transport

#### 14.1 UN number

Not applicable.

#### 14.2 Proper UN shipping name

Not applicable.

#### 14.3 Transport hazard classes

The product will not be classified in accordance with applicable dangerous goods regulations.

#### 14.4 Packaging group

Not applicable.

#### 14.5 Environmental hazards

None.

#### 14.6 Special precautionary measures for the user

Avoid the generation of dust during transport.

#### 14.7 Transportation in bulk in accordance with annex II of the MARPOL convention 73/78 and in accordance with the IBC code

Not relevant.

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### 15. Legislation

#### 15.1 Regulations on safety, health and environmental protection / specific legislation for the substance or the mixture

##### National regulations:

##### Water hazard classification

WGK1 – Slightly hazardous to water.

#### 15.2 Chemical safety assessment

Safety assessments have been performed for the substances contained in this mixture.

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**16. Other details**

Due to the fact that we do not have any information on the working conditions of the respective users, the information contained in this safety data sheet is based on our knowledge and the national EU regulations.

The user is responsible for the compliance with all legal requirements and local regulations. The present safety data sheet with its information describes the safety requirements for this substance and does not apply as a guarantee of its properties.

| Data marked with a vertical stroke has been changed since the previous version.