

# ALEC TIRANTI LIMITED

TOOLS, MATERIALS & EQUIPMENT FOR MODELLING, CARVING, SCULPTURE

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## Material Safety Data Sheet

### Marble Filler Powder

according to Commission Regulation (EU) No 453/2010

#### 1. Identification of the Substance/mixture and of the company/undertaking

##### 1.1 Product identifier

Trade name : MICRODOL H155-HR  
REACH Registration Number : Exempted in accordance Annex V.7  
Substance name : dolomite coarse granulates  
EC-No. 240-440-2

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

Intended Use: Manufacture of paints, varnishes and similar coatings, printing ink and mastics  
Chemical-Technical Industry  
Manufacture of rubber products  
Manufacture of plastics products  
Manufacture of paper and paperboard  
Manufacture of soap and detergents, cleaning and polishing mixtures  
Building and construction work  
Filling  
Mixing  
Filler or Pigment  
Building and construction mixtures not covered elsewhere  
Water treatment chemical

Recommended restrictions  
on use

: For industrial use only.  
Other industries not mentioned are excluded.

##### 1.3 Details of the supplier of the safety data sheet

Company : Omya International AG  
Baslerstrasse 42  
4665 Oftringen  
Telephone: +41627892929  
Telefax +41627892077  
E-mail address of person responsible for the SDS : sdb.ch@omya.com  
Responsible/issuing person : Omya International Ltd, Group Regulatory Affairs, 4665 Oftringen, Switzerland

##### 1.4 Emergency Telephone Number

Responsible Department : Emergency telephone: +44 870 190 6777

#### 2. Hazards Identification

##### 2.1 Classification of the Substance or Mixture

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**Classification (67/548/EEC, 1999/45/EC)**

##### 2.2 Label Elements

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

##### 2.3 Other Hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

No information available.

### 3. Composition/information on Ingredients

#### 3.1 Substances

Substance name : dolomite coarse granulates

#### Hazardous components

Chemical Name	Cas No. EC No.1	Conc (%)
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No Hazardous ingredients

#### WEL Substance:

Dolomite	16389-88-1 240-440-2	>=85-<100
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#### 3.2 Mixtures

### 4. First Aid Measures

#### 4.1 Description of First Aid measures

<b>If inhaled:</b>	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
<b>In case of skin contact</b>	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water
<b>In case of eye contact</b>	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
<b>If swallowed</b>	: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects

None Known

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

### 5. Fire Fighting Measures

#### 5.1 Extinguishing Media

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2 Special Hazards arising from the substance or mixture

**Hazardous combustion products:** No hazardous combustion products

#### 5.3 Advice for firefighters

**Special protective equipment for firefighters**

: In the event of fire, wear self-contained breathing apparatus.  
Further information : Standard procedure for chemical fires.

### 6 ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions** : Avoid dust formation.

#### 6.2 Environmental precautions

**Environmental precautions** : No special environmental precautions required

#### 6.3 Methods and material for containment and cleaning up

**Methods for cleaning up** : Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

Not applicable

### 7. Handling and Storage

#### 7.1 Precautions for safe handling

**Advice on safe handling:** For personal protection see section 8  
No special handling advice required

**Advice on protection against fire and explosion:** Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

**Hygiene measures:** general industrial hygiene practice.

#### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements for storage areas and containers** : Keep container tightly closed in a dry and well-ventilated place.

**Advice on common storage** : No special restrictions on storage with other products.  
**Storage class (TRGS 510)** : 13, Non Combustible Solids  
**Other data** : No decomposition if stored and applied as directed

**7.3 Specific end use(s)**

No data available

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

dolomite :

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Acute local effects  
No hazard identified  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Acute systemic effects  
No hazard identified  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Chronic effects, Long-term local effects  
No hazard identified  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Chronic effects, Long-term systemic effects  
Value: 10 mg/m3  
End Use: Workers  
Exposure routes: Ingestion  
Potential health effects: Acute local effects  
No hazard identified  
End Use: Workers  
Exposure routes: Ingestion  
Potential health effects: Acute systemic effects  
No hazard identified  
End Use: Workers  
Exposure routes: Ingestion  
Potential health effects: Chronic effects, Long-term local effects  
No hazard identified  
End Use: Workers  
Exposure routes: Ingestion  
Potential health effects: Chronic effects, Long-term systemic effects  
No hazard identified  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Acute local effects  
No hazard identified  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Acute systemic effects  
No hazard identified  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Chronic effects, Long-term local effects  
No hazard identified  
End Use: Workers  
Exposure routes:

### 8.2 Exposure controls

**Eye protection :** Safety glasses

**Hand protection** Remarks

: For prolonged or repeated contact use protective gloves.

**Skin and body protection :** Protective suit

**Respiratory protection :** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Half mask with a particle filter P2 (EN 143)

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance** : powder

**Odour** : characteristic

**pH** : 8,5 - 9,5, Concentration: 100 g/l (20 °C)

Method: DIN-ISO 787/9

<b>Melting point</b>	: Decomposition : Decomposes below the melting point.
<b>Boiling point/boiling range</b>	: Decomposition: Decomposes below the boiling point. Not applicable
<b>Flash point</b>	: Not applicable
<b>Flammability (solid, gas)</b>	: Does not sustain combustion., The product is not flammable.
<b>Upper explosion limit</b>	: upper flammability limit Not applicable
<b>Lower explosion limit</b>	: lower flammability limit Not applicable
<b>Vapour pressure</b>	: < 0,1 hPa (20 °C)
<b>Density</b>	: 2,8 - 2,9 g/cm <sup>3</sup> (20 °C) Method: DIN-ISO 787/10
<b>Solubility(ies)</b>	
<b>Water solubility</b>	: 0,028 - 0,12 g/l (20 °C)
<b>Partition coefficient:</b>	n-octanol/water : Not applicable
<b>Auto-ignition temperature</b>	: Not applicable
<b>Decomposition temperature</b>	: > 600 °C
<b>Viscosity</b>	
<b>Viscosity, kinematic</b>	: Not applicable
<b>Explosive properties :</b>	Explosive Acc. EU Legislation: Not explosive Explosive Acc. Transp. Regul.: Not explosive
<b>9.2 other information</b>	No Data available

## 10. Stability and Reactivity

### 10.1 Reactivity

Stable under recommended storage conditions

### 10.2 Chemical Stability

No decomposition if stored and applied as directed

### 10.3 Possibility of hazardous reactions

**Hazardous reactions:** No hazards to be specially mentioned

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

## 11. Toxicological Information

### 11.1 Toxicity

#### Acute toxicity

##### Product:

**Acute oral toxicity** : LD50 Oral (Rat): > 5.000 mg/kg  
**Acute inhalation toxicity** : no data available  
**Acute dermal toxicity** : No acute dermal toxicity

##### Components:

**dolomite:**  
**Acute oral toxicity** : LD50 Oral (Rat): > 5.000 mg/kg  
**Acute inhalation toxicity** : no data available  
**Acute dermal toxicity** : No acute dermal toxicity

#### Skin corrosion/irritation

##### Product:

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

##### Components:

**dolomite:**  
not irritating

#### Serious eye damage/eye irritation

##### Product:

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

##### Components:

**dolomite:**  
not irritating

#### Respiratory or skin sensitisation

**Product:**  
no data available

**Components:**  
**dolomite:**  
not sensitizing

**Germ cell mutagenicity**  
**Components:**  
**dolomite:**  
Genotoxicity in vitro : no data available

**Carcinogenicity**  
**Components:**  
**dolomite:**  
This information is not available.

**Reproductive toxicity**  
**Components:**  
**Dolomite**

**STOT - single exposure**  
**Components:**  
**dolomite:**  
no data available

**STOT - repeated exposure**  
**Components:**  
**dolomite:**  
no data available

**Further information**  
**Product:**  
no data available

## 12. Ecological Information

### 12.1 Toxicity

**Product:**  
**Toxicity to fish** : (Fish): No acute toxicity  
**Toxicity to daphnia and other aquatic invertebrates** : (Daphnia (water flea)): No acute toxicity  
**Toxicity to algae** : (Algae): No acute toxicity  
**Toxicity to bacteria** :No acute toxicity to bacteria  
**Components:**  
**dolomite:**  
**Toxicity to fish** : No acute toxicity to fish  
**Toxicity to daphnia and other aquatic invertebrates** : No acute toxicity  
**Toxicity to algae** : No acute toxicity  
**Toxicity to bacteria** :No acute toxicity to bacteria

### 12.2 Persistence and degradability

no data available

### 12.3 Bioaccumulative potential

**Components:**  
**dolomite:**  
Partitiona coefficient: n>octanol/water Not applicable

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

**Product:**  
**Assessment:** : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

**Product:**  
**Additional ecological information** : In solid state these minerals are a major part of the rocks of the earth's surface.  
They are dissolved in a natural state and indispensable part of the natural waters.  
These minerals are not biodegradable.

Negative effects on the environment should therefore be excluded. Restrictions may indicate that concentrated suspensions with these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and fauna in the sediment and subsequent detriment to the existence of higher water organisms).

## 13. Disposal Considerations

### 13.1 Waste treatment methods

**Product :** Offer surplus and non-recyclable solutions to a licensed disposal company.  
**Contaminated packaging :** Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

### 14.1 UN number

### 14.2 UN proper shipping name

### 14.3 Transport hazard class(es)

### 14.4 Packing group

### 14.5 Environmental hazards

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## 15. Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) No 649/2012 of the European Parliament

### and the Council concerning the export and import of dangerous chemicals

: Not applicable

### REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

: Not applicable

### Regulation (EC) No 1005/2009 on substances that deplete the ozone layer

: Not applicable

### Regulation (EC) No 850/2004 on persistent organic pollutants

: Not applicable

### Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major accident hazards involving dangerous substances

Not applicable

### Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

**Water contaminating class (Germany)** nwg not water endangering

### 15.2 Chemical safety assesment

## 16. Other Information

### Further information

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Sources of key data used to compile the Safety Data Sheet : Information taken from reference works and the literature.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.