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Page 1 of 6

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## **Section 1: Identification of substance and of the company**

### **1.1 Product identifier:**

Substance name: DMT Test Dust Type 8®  
Synonym: Synthetic household dust, simulated household dust  
EG-No: -  
CAS-No: -  
REACH-No: -  
Other names: -

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

Relevant identified uses: Test dust acc. to IEC 62885 / DIN EN 60312 7.2.2.3  
Uses advised against: -

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

Supplier: DMT GmbH & Co. KG  
Address: Am Technologiepark 1  
Nationality/Postcode/City: D-45307 Essen  
Information Contact: testdust@dmt-group.com  
Telephone / Fax / E-Mail: +49 201 172 1232 / +49 201 172 1262 / testdust@dmt-group.com

### **1.4 Emergency telephone number:**

Germany: (0)-112

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## **Section 2: Hazard identification**

### **2.1 Classification of the substance or mixture:**

This product is not classified.

### **2.2 Label elements:**

#### **Labelling according to Regulation (EG) No 1272/2008**

Hazard statements:

- -

Precautionary statements:

P260 Do not breathe dust.  
P402 Store in a dry place.  
P501 Dispose of contents and containers acc. to local disposal directives.

### **2.3 Supplemental hazard information:**

DMT Test Dust Type 8® is combustible, but not highly flammable.

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Created on: 06.07.2017

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Page 2 of 6

---

### **Section 3: Composition / Information of ingredients**

#### **3.2 Mixture:**

Substance name:	Calcium magnesium carbonate (dolomite)
EG-No:	240-440-2
CAS-No:	16389-88-1
Content:	70%

Substance name:	Cellulose fiber
EG-No:	232-674-9
CAS-No:	9004-34-6
Content:	20%

Substance name:	Cut cotton fiber
EG-No:	-
CAS-No:	-
Content:	10%

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### **Section 4: First aid measures**

#### **4.1 Description of first aid measures:**

General information:	No special measures necessary.
Following inhalation:	Remove dust source and provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.
Following skin contact:	Wash with soap and water.
Following ingestion:	Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.
Self-protection of the first aider:	Avoid dust whirling.

#### **4.2 Most important symptoms and effects, both acute and delayed:**

DMT Test Dust Type 8<sup>®</sup> is not toxic.

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

Notes for doctor:	Please consider 4.1
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### **Section 5: firefighting measures**

#### **5.1 Extinguishing media:**

Suitable extinguishing media:	Water dust, CO <sub>2</sub> , Foam, Dry extinguishing agent
Unsuitable extinguishing media:	Water solid jet

#### **5.2 Special hazards arising from the substance or mixture:**

Hazard combusting products:	Decomposing at temperatures > 450 °C
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Created on: 06.07.2017

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Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 3 of 6

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**5.3 Advice for fire-fighters:**

Fire of solid materials, mainly organic; high attitude to glow.

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**Section 6: Accidental release measures**

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

**For non-emergency personnel:** Please consider section 8.

**For emergency personnel:** Please consider section 8.

**6.2 Environment precautions:**

Avoid dust generation and whirling.

**6.3 Methods and material for containment and cleaning up:**

Avoid dust whirling, use wet cleaning methods.

**6.4 Reference to other sections:**

Please consider section 8.

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**Section 7: Handling and Storage**

**7.1 Precautions for safe handling:**

**Protective measures:**

Advice on safe handling: -

Fire preventions: Usual measures of fire prevention.

Aerosol and dust generation prevention: Avoid dust generation; provide artificial ventilation.

Environment precautions: -

**Advice on general occupational hygiene:**

-

**7.2 Conditions for safe storage conditions:**

**Requirements for storage rooms and vessels:**

Store dry and impermeable. Storage conditions acc. to ISO 554.

**7.3 Specific end uses:**

Recommendations: -

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**Section 8: Exposure controls / personal protection**

**8.1 Control parameters:**

Occupational exposure limits: 1,25 mg/m<sup>3</sup> (A; respirable), 10 mg/m<sup>3</sup> (E; inhalable) (Germany)

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**Previous version:** October 2013

Page 4 of 6

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Biological limit values: -

## **8.2 Exposure controls:**

### **Personal protective equipment:**

Eye / Face protection: Wear safety goggles.  
Skin protection: Safety gloves are recommended. Wash hands with soap before and after work, use skin protection cream.  
Respirable protection: Wear filtering face piece (FFP2 – FFP3).  
Body protection: Not recommended  
Environment exposure controls: Filtering of exhaust air from artificial ventilation is recommended.

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## **Section 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties:**

Appearance: Powder  
Physical state: Solid  
Color: White / Beige  
Odour : Odourless  
Odour threshold : -  
pH : -  
Melting point / freezing point : -  
Initial boiling point / boiling range : -  
Flash point : -  
Evaporation rate : -  
Flammability ( solid, gas) -  
Upper / lower explosive limits : -  
Vapour density : -  
Relative density : -  
Solubility: 1,8 mg/l  
Partition coefficient:  
n-octanol / water -  
Auto-ignition-temperature : -  
Decomposing temperature : 450 °C  
Viscosity : -  
Explosive properties : -  
Oxidizing properties : -

### **9.2 Other information:**

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Created on: 06.07.2017

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Page 5 of 6

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**Section 10: Stability and reactivity**

**10.1 Reactivity:**

No dangerous reactions or dangerous products of decomposing known.

**10.2 Chemical stability:**

Under regular use and storage is DMT Test Dust Type 8® stable.

**10.3 Possibility of hazardous reactions:**

Calcium magnesium carbonate reacts exothermic with acids.

**10.5 Incompatible materials:**

Calcium magnesium carbonate reacts exothermic with acids.

**10.6 Hazard decomposition products:**

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**Section 11: Toxicological information**

**11.1 Information of toxicological information:**

Acute toxicity:

During longer exposition with high dust loads symptoms of a chronical respiratory inflammation can be observed. Dust may harm eyes mechanically.

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**Section 12: Ecological information**

**12.1 Toxicity:**

No toxic impact known.

**12.2 Persistence and degradability:**

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**12.3 Bio accumulative potential:**

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**12.4 Mobility on soil:**

Chemical decomposing in acid soils.

**12.5 Results of PBT and vPVB assessment:**

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**12.6 Other adverse effects:**

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Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 6 of 6

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**Section 13: Disposal considerations**

**13.1 Waste treatment methods:**

The disposal of DMT Test Dust Type 8® has to be proceeded according to local disposal directives.

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**Section 14: Transport information**

**14.1 UN. No:**

-

**14.2 UN proper shipping name:**

-

**14.3 Transport hazard class(es):**

Hazard label: -

**14.4 Packing group:**

-

**14.5 Environment hazard:**

-

**14.6 Special precautions for user:**

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**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:**

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**Section 15: Regulatory information**

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

EU regulations:

DMT Test Dust Type 8® is not a hazardous material, not a material according to European directive 96/82/EG („SEVESO“), does not harm ozone layer and is not a hardly degradable pollutant.

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**Section 16: Other information**

**16.1** The entire safety data sheet is based on actual knowledge and experience. A juridical mandatory warranty of single properties cannot be provided. Employees must be instructed to handling bulk materials and dusting materials.

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