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

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.
Section 3: Composition / Information of ingredients

3.2 Mixture:

<table>
<thead>
<tr>
<th>Substance name</th>
<th>EG-No:</th>
<th>CAS-No:</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium magnesium carbonate (dolomite)</td>
<td>240-440-2</td>
<td>16389-88-1</td>
<td>70%</td>
</tr>
<tr>
<td>Cellulose fiber</td>
<td>232-674-9</td>
<td>9004-34-6</td>
<td>20%</td>
</tr>
<tr>
<td>Cut cotton fiber</td>
<td>-</td>
<td>-</td>
<td>10%</td>
</tr>
</tbody>
</table>

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 fist aider: Avoid dust whirling.

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

DMT Test Dust Type 8® is not toxic.

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

Notes for doctor: Please consider 4.1

Section 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Water dust, CO₂, 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
5.3 Advice for fire-fighters:
Fire of solid materials, mainly organic; high attitude to glow.

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.

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: -

Section 8: Exposure controls / personal protection
8.1 Control parameters:
Occupational exposure limits: 1,25 mg/m³ (A; respirable), 10 mg/m³ (E; inhalable) (Germany)
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.

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:
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:
-  

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.

Section 12: Ecological information

12.1 Toxicity:
No toxic impact known.

12.2 Persistence and degradability:
-  

12.3 Bio accumulative potential:
-  

12.4 Mobility on soil:
Chemical decomposing in acid soils.

12.5 Results of PBT and vPvB assessment:
-  

12.6 Other adverse effects:
-  

Section 13: Disposal considerations

13.1 Waste treatment methods:
The disposal of DMT Test Dust Typ 8® has to be proceeded according to local disposal directives.

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:

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

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.

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.