

Created on: 06.07.2017

Edited on: 28.02.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 1 of 6

Section 1: Identification of substance and of the company

1.1 Product identifier:

Substance name: DMT Banknotes Test Dust
Synonym: -
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 for filter test or environment simulation
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 Banknotes Test Dust is combustible, but not highly flammable.

Created on: 06.07.2017

Edited on: 28.02.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

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: -

Substance name: Cellulose fiber

EG-No: 232-674-9

CAS-No: 9004-34-6

Content: -

Substance name: Cut cotton fiber

EG-No: -

CAS-No: -

Content: -

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 Banknotes Test Dust 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

Created on: 06.07.2017

Edited on: 28.02.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 3 of 6

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)

Created on: 06.07.2017

Edited on: 28.02.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 4 of 6

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:

-

Created on: 06.07.2017

Edited on: 28.02.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 5 of 6

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 Banknotes Test Dust 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:

-

Created on: 06.07.2017

Edited on: 28.02.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 6 of 6

Section 13: Disposal considerations

13.1 Waste treatment methods:

The disposal of DMT Banknotes Test Dust 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 Banknotes Test Dust 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.
