

Material Safety Data Sheet according to 1907/2006/EC

Revision date: April 7, 2009

Print date: April 7, 2009

1. Product and company identification

Product name: **DST SP 200 Micron Granulate**
Use: thermoplastic powder
Manufacturer: DST – Oster Sogade 10 – 1357 Copenhagen K. - Denmark
T: +45 33 14 61 18, F +45 33 14 25 51

2. Hazards identification

This preparation is not classified as dangerous according to the EU Guideline 1999/45/EEC.

Fine dusts can form explosive mixtures with air.

3. Composition / information on ingredients

Common chemical name: Polyurethane CAS No. 26375-23-5

4. First-Aid measures

Inhalation: no special measures are required
Skin contact: no special measures are required
Eye contact: no special measures are required
Ingestion: no special measures are required

5. Fire-fighting measures

Extinguishing media: foam, CO₂, powder
Special risks: temperature over 360°C
Protection for the fire-fighters: no special measures are required

6. Accidental release measures

Personal precautions: avoid dust formation
Environmental precautions: no special measures are required
Cleaning up methods: pick up mechanically

7. Handling and storage

Handling: avoid dust formation; provide sufficient ventilation or extraction of fumes by thermal processing
Fire and explosion prevention: avoid electrostatic charges
Storage: avoid prolonged storage in open sunlight, high temperatures and high humidity

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8. Exposure controls and personal protection

Components with limit values

to supervise: max. permitted exposure level at the place of work: 6 mg/m³, general dust
limit for powders with at least 50% particle size <63 µm

Working hygiene: do not inhale the dusts; do not inhale the fumes of the hot material

Breathing protection: necessary by dust formation / FFP1 one-way mask

Hand protection: not necessary

eye protection: not necessary

9. Physical and chemical properties

Appearance: powder

Color: white

Odor: odorless

Melting point / range: 50 – 53 °C (DSC)

Boiling temperature: not applicable

Ignition temperature: >360 °C

Flame point: not applicable

Explosion limits: explosive dust/ air mixtures are possible if dust clouds are formed

Vapor pressure (20°C): not applicable

Density (20°C): 1.2 g/cm³

Solubility in water (20°C): not soluble

pH-value: not applicable

10. Stability und Reactivity

Stability: > 200 °C

Dangerous reactions: none

Dangerous degradations products: e.g. NH₃, CO, CO₂, NO₂

11. Toxicological information

According to our experience and information, the product does not have any harmful effects on health if it is appropriately handled and applied.

12. Ecological information

No ecological studies are available.

13. Disposal considerations

Dispose in accordance with local Authority requirements.

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14. Transport information

No transport warning sign required.

15. Regulatory information

Classification according

EC-Regulations: no classification given

Water hazard classification: water hazard classification, self classified: WGK 0

16. Other information

The information is based on the current state of our knowledge and is intended to describe the product from the point of view of safety requirements only.
