

SAFETY DATA SHEET

Manufacturer:

The Clay and Paint Factory S.A.
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Commercial product name: Cernit polymer modelling clays

Chemical characterization: polymer clay – PVC plastigel

1. Physical data

1.1. Melting point / . /. GELLING TEMPERATURE 100-130°C

Softening point

Modelling material should not be put into the mouth. Do not exceed a temperature of max. 130 °C or harmful gases may be produced. Do not exceed a hardening time of 30 minutes.

1.2. Boiling temperature: . /.

1.3. Decomposition temperature: . / . Method of determination: no dangerous decomposition within the range of application

1.4. pH-Value: . / . Neutral

1.5. Solubility in water: soluble (g/l) miscible n.a. insoluble n.a.

1.6. Odour: n.a.

1.7. Physical state (20°C) jelly-like (gelatinous) paste

1.8. Vapour pressure (20°C) <0.001 mbar

1.9. Density (20°C) 1.29 g/cm³

2. Storage stability and handling

2.1. Protective measures during transportation and storage: To prevent an increase of viscosity, do not store above 25°C

2.2. Incompatible substances: n.a.

2.3. Dangerous decomposition products: If appropriately stored and handled – none

2.4. Dangerous reactions: none within regulations for use

2.4.1. Preventive measures: n.a.

2.5. Protective measures: n.a.

2.6. Technical protective measures: n.a.

2.7. Measures after spillage and leakage: n.a.

2.8. Disposal: nonplasticised product in accordance with federal, state and local regulations (e.g. official waste disposal site)

3. Fire and explosion protection

- 3.1. Flash point: > 195°C
- 3.2. Ignition temperature: about 350°C
- 3.3. Extinguishing medias: foam, carbon dioxide, powder extinguisher
- 3.4. Special fire protection procedures: none
- 3.5. Fire and explosion hazards: IN CASE OF FIRE (THERMAL DECOMPOSITION),HYDROCHLORIC ACID IS FORMED

4. Information on toxicology / First aid advise

Cernit is manufactured exclusively from raw materials that conform to the regulations of EN 71/5.

Do not swallow. Wash hands after use.

In case of accidental overheating and inhalation of poisonous gases, remove person to fresh air and seek immediate medical advice. Take the material together with the packaging to the doctor.

The information given is based on our present state of technical knowledge and experience.

Date: February 2008