

1. Identification of the substance/preparation and company

1.1 Identification of the substance/preparation:

Commercial Product Name: WKT-Sealing Compound

1.2 Company / undertaking identification:

Manufacturer / distributor: Paul Pietzschke, Chem. Techn. Fabrik
Street / P.O. Box: Rugenbarg 63 A
State / postal code / City: D 22848 Norderstedt
Telephone: + 49-40-527 38 41
Telefax: + 49-40-527 38 92
Dep. responsible for information: VK: Telefax: + 49-40-527 38 92
Telephone: + 49-40-527 38 41
Emergency information: Telephone: + 49-40-527 38 41

2. Composition / information on ingredients

2.2 Chemical characterization (preparation):

Description: polydimethylsiloxanes + fillers + auxiliary + aminosilane cross-linker

No further details if not a hazardous substance or a hazardous preparation according to latest version of 67/548/EEC

3. Hazard identification

3.1 Critical hazards to man and environment: omitted

4. First-aid measures

4.1 General information: -

4.2 After inhalation: Move to fresh air.

4.3 After contact with the skin: Wipe off with cloth or paper. Wash with plenty of water or soap and water.

4.4 After contact with the eyes: Rinse immediately with plenty of water for 10-15 minutes and seek medical advice.

4.5 After swallowing: Induce drinking plenty of water in small portions. Permit vomiting.

5. Fire fighting measures

5.0 General information: -

5.1 Suitable extinguishing media: water spray jet, dry powder, foam, carbon dioxide, dry sand

5.2 Extinguishing media which must not be used for safety reasons:

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

5.4 Special protective equipment for fire fighting: Use resperatory protection independent of re-circulated air.

6. Accidental release measures

6.0 General information: -

6.1 Personal precautions: Wear personal protective suit (see section 8.3)

6.2 Environmental precautions: Observe local by-laws.

6.3 Methods for cleaning up:
 Absorb mechanically and dispose of according to regulations.

7. Handling and storage

- 7.1 Handling:
 Precautions for safe handling: Ensure adequate ventilation.
 Precautions against fire and explosion: No special precautions against fire and explosion required.
- 7.2 Storage:
 Conditions for storing rooms and vessels:
 Advice for storage of incompatible materials:
 Further information for storage: Store in a dry and cool place. Keep container tightly closed. Protect against moisture.

8. Exposure controls / personal protection

- 8.1 Further information for system design and engineering measures:
 Observe information in section 7.
- 8.2 Associate substances with specific control parameters such as limit values:
- | CAS-Nr. | Substance | mg/m ³ | ppm | F/G | fibre/m ³ |
|-------------|---------------|-------------------|-----|-----|----------------------|
| 013952-84-6 | 2- Butylamine | 15 | 5 | | |
- 8.3 Personal protection equipment:
 General protection and hygiene measures:
 Avoid contact with skin and eyes. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating.
 Respiratory protection: gas mask filter K recommended during prolonged exposure.
 Hand protection: protective gloves
 Eye protection: tight fitting protective goggles.

9. Physical and chemical properties

- 9.1 Appearance:
- | | | | |
|---------------|-----------------------------|--|--|
| Form: | paste | | |
| Colour: | black, white, grey or brown | | |
| Odour: | strong | | |
- 9.2 Safety parameters:..... Method (67/548/EEC)
- Change in physical state:
- | | | | |
|---------------------|----------|-------------|--|
| Melting point | °C | | |
| Boiling Point | °C | at 1013 hPa | |
| Flash point | > 200 °C | | |
- Inflammability.....:
- | | | | |
|------------------------------------|--------|--|--|
| Ignition temperature: approx. | 440 °C | | |
| Autoinflammability | °C | | |
- Oxidizing properties.....:
- Explosive properties
- | | | | |
|--------------------------------------|-----------------------|----------|----------------------|
| Vapour pressure | omitted | | |
| Density..... | hPa | at 20 °C | |
| Solubility in water | 1.5 g/cm ³ | at 20 °C | |
| pH-value | omitted | at °C | g/l H ₂ O |
| Partition coefficient octanol/Water: | | | |
| Viscosity | | mPa.s | bei °C |
- 9.3 Further information:
- | | | | |
|-----------------------------|---------|--|--|
| Thermal decomposition.....: | omitted | | |
|-----------------------------|---------|--|--|

10. Stability and reactivity

10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid:

10.2 Materials to avoid:

reacts with water to form 2-Butylamine

10.3 Hazardous decomposition products:

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known.

11. Toxicological information

11.0 General information:

Product not investigated. After cross-linking and removal of volatile substances product is not mutagenic nor cancerogenic nor teratogenic and is not hazardous to men and ecology.

11.1 Acute toxicity:

No data known.

11.4 Further toxicological information:

Product(s) of hydrolysis: In contact with dampness product separates a small quantity of 2-Butylamine (013952-84-6) which irritates skin and mucous membranes.

12. Ecological information

12.1 Information on elimination (persistence and degradability):

Silicone content: biologically not degradable

Further information: easily separable from water by filtration.

12.2 Behaviour in environmental compartments:

No data known.

12.3 Ecotoxicological effects:

Effects in sewage treatment plants (bacteria toxicity: respiration/reproduction inhibition):

Do not introduce large amounts into purification plants.

12.4 Further ecological information:

Do not introduce into waterways or into soil. In cross-linked state not soluble in water.

13. Disposal considerations

13.1 Material:

Recommendation: Dispose of according to regulations by incineration in a special waste incinerator.

Small quantities may be disposed of in domestic waste incinerators. Observe the local by-laws.

13.2 Contaminated packaging:

Recommendation: Completely discharge containers (no teardrops, no powder rest, scraped carefully).

Containers may be recycled or re-used. Observe local / national by-laws.

14. Notes on transport

14.1 Land transport ADR/RID und GGVS/GGVE:

GGVS / GGVE: Non-hazardous material

ADR / RID: Non-hazardous material

Transport emergency card No.:

Warning Board: Hazard No.: Substance No.:

Description of goods ...:

Nomenclature:

N.O.S.-item:

Further information

Dispatch symbol:

Express: permitted

14.2 Inland navigation ADN/ADNR:

Further information

14.3 Transport by sea IMDG/GGVSee:

IMDG/GGVSea-class: Non-hazardous material

EmS-No.: MEAG:

Marine pollutant.....:

Correct technical name :

Technical name

Proper ship.name

Further information

Dispatch symbols.....:

Page

14.4 Airtransport ICAO-TI and IATA-DGR transport by air:

ICAO/IATA-class.....: Non-hazardous material

Correct technical name :

Technical name

Proper ship.name

Further information

Dispatch symbols.....:

Packing regulations

.....: PAC: Max.net.:

.....: CAO: Max.net.:

Air mail transport.....: permitted

14.5 Transport further information:

Informing dept. to heading 14.:

Telefax: 040-527 38 92, Telefon: 040-527 38 41

15. Regulatory information

15.1 Identification according to EEC directives:

EEC/R: -

EEC/S: -

15.2 National regulations:

SI 1993/1746: CHIP Regulations 1993

SI 1988/1657: COSHH Regulations 1988

SI 1992/2051: Management of Health and Safety at Work Regulations 1992

Health and Safety at Work act 1974

Environmental Protection Act 1990 and Subsidiary Regulations

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control

Other information:

n.a. = not applicable n.s. = no subject to

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of legal warranty regulations. Properties of the product are to be found in the respective product leaflet.