

**Trade name: KNETON orth.**  
**Safety data sheet in accordance with 91/155/EEC**  
 Date of printing: 22.02.2000

**01. Identification**

|   |   |
|---|---|
| 01.01 Product details                     |   |
| 01.01.01. Trade name                      | KNETON orth   |
| 01.02. Identification of the manufacturer |   |
| 01.02.01. Address                         | ERKODENT Erich Kopp GmbH, Siemensstr. 3,<br>D-72285 Pfalzgrafenweiler |
| 01.02.02. Information provided by         | Chemie  |
| 01.02.03. Telephone number                | Tel.: (+49) (0) 7445 / 85 01 - 0, Fax: (+49) (0) 7445 / 20 92         |
| 01.02.04. Emergency telephone number :    |   |

**02. Composition/information on ingredients**

|   |                             |
|---|-----------------------------|
| 02.01. Chemical characterization          | Polydimethylsiloxan, filler |
| 02.02. Substance / product identification | -                           |
| 02.03. Hazardous ingredients              | -                           |
| 02.04. Additional information             | -                           |

**03. Hazards possibilities**

|  |  |
|--|--|
| 03.01. Hazard designation  | -  |
| 03.02. Particular information pertaining specific risk for human / environment | No special hazards have to be mentioned. |

**04. First aid measures**

|   |   |
|---|---|
| 04.01. General Information                |   |
| 04.02. First aid measures / inhalation.   | Ensure supply of fresh air.   |
| 04.03. First aid measures / skin contact. | In case of contact with skin wash off immediately with plenty of water.                     |
| 04.04. First aid measures / eye contact.  | In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice. |
| 04.05. First aid measures / ingestion..   | Do not induce vomiting - aspiration hazard. Drink water in small gulps.                     |
| 04.06. Advice to doctor                   |   |

**05. Fire-fighting measures**

|  |   |
|--|---|
| 05.01. Suitable extinguishing media  | water spray jet carbon dioxide. dry powder foam |
| 05.02. Extinguishing media that must not be used for safety reasons  | -   |
| 05.03. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases. | -   |
| 05.04. Special protective equipment for firefighting   | Use self-contained breathing apparatus.         |
| 05.05. Additional informations (chapter 5)   | -   |

**06. Accidental release measures**

|   |   |
|---|---|
| 06.01. personal precautions.                | Avoid contact with skin, eyes and clothing. |
| 06.02. environmental precautions.           | Do not allow to enter drains.               |
| 06.03. methods for cleaning up/taking up.   | Pick up mechanically.                       |
| 06.04. Additional informations (chapter 6). |   |

**07. Handling and storage**

|  |   |
|--|---|
| 07.01. Handling  |   |
| 07.01.01. Hints on safe handling.                          | No special measures necessary if used correctly.<br>Observe the usual precautions for handling chemicals. |
| 07.01.02. Hints for protection against fire and explosion. |   |

|   |  |
|---|--|
| 07.02. Storage  |  |
| 07.02.01. Requirements for storage rooms and vessels. | -  |
| 07.02.02. Hints on storage assembly.                  | Do not store with strong oxidizing agents.                                       |
| 07.02.03. Further information on storage conditions.  | Keep only in the original container, tightly closed, in a well ventilated place. |
| 07.02.04. Storage category                            | -  |
| 07.02.05. Storage stability                           | -  |
| 07.02.06. Recommended storage temperature             | 10 – 30 °C   |

## 08. Exposure controls/personal protection

|  |   |
|--|---|
| 08.01. Additional hints on technical system design.                  | - |
| 08.02. Ingredients with occupational exposure limits to be monitored | - |

|   |                           |
|---|---------------------------|
| 08.03. Personal protective equipment              |                           |
| 08.03.01. Respiratory protection                  | -                         |
| 08.03.02. Hand protection                         | Protective gloves         |
| 08.03.03. Eye protection                          | safety glasses            |
| 08.03.04. Skin protection                         | light protective clothing |
| 08.03.05. General protective and hygiene measures | Avoid contact with eyes.  |

## 09. Physical and chemical properties

|                    |                |
|--------------------|----------------|
| 09.01. Appearance. |                |
| 09.01.01. Form     | Highly viscous |
| 09.01.02. Colour   | white / blue   |
| 09.01.03. Odour    | pleasant       |

|                    |  |
|--------------------|--|
| 09.02. Safety data |  |
|--------------------|--|

### Changes in physical state

|  |             |                   |  |
|--|-------------|-------------------|--|
| Melting point (decomposition)            | > 200       | °C                |  |
| Flash point                              | > 200       | °C                |  |
| Ignition temperature                     | 400         | °C                |  |
| self ignition                            |             |                   |  |
| explosion limits                         | -           |                   |  |
| Upper explosion limit                    | -           |                   |  |
| Vapour pressure                          | -           |                   |  |
| Density                                  | 1,60        | g/cm <sup>3</sup> |  |
| solubility                               |             |                   |  |
| insoluble                                |             | g/l               |  |
| Soluble in                               |             |                   |  |
| miscible with diethyl ether Hydrocarbons | dispersible | g/l               |  |
| pH-Value                                 | -           |                   |  |
| Viscosity                                |             |                   |  |
| Highly viscous                           |             |                   |  |

|  |   |
|--|---|
| 09.03. Other information ( chapter 9.) | - |
|--|---|

## 10. Stability and reactivity

|   |   |
|---|---|
| 10.01. Hazardous reactions                  | Reactions with strong oxidising agents. |
| 10.02. Hazardous decomposition products     | Carbon monoxide Carbon dioxide          |
| 10.03. Thermal decomposition                | -                                       |
| 10.04. Additional informations (chapter 10) | -                                       |

**11. Toxicological information**

|  |                       |
|--|-----------------------|
| 11.01. Acute toxicity  | -                     |
| 11.01.01. Acute oral toxicity  | LD50 rat > 2000 mg/kg |
| 11.01.02. Acute dermal toxicity  | LD50 rat > 2000 mg/kg |
| 11.01.03. Acute inhalational toxicity  | -                     |
|  |                       |
| 11.02. Irritant/corrosive effects  | -                     |
| 11.02.01. Irritant effect on skin  | -                     |
| 11.02.02. Irritant effect on eyes  | -                     |
|  |                       |
| 11.03. Sensitization   | -                     |
| 11.04. Effects after repeated or prolonged exposition (subacute, subchronic, cronic) | -                     |
| 11.08. Other information (chapter 11.)   | -                     |
| 11.09. Experiences made in practice.   | -                     |
| 11.10. General remarks.  | -                     |

**12. Ecological information**

|   |  |
|---|--|
| 12.01. Data on elimination ( persistence and degradability) : |  |
| 12.01.01. Physico-chemical eliminability                      | -  |
| 12.01.02. Biodegradability                                    | Slightly biodegradable   |
|   |  |
| 12.02. Behaviour in environment compartments.                 | -  |
|   |  |
| 12.03. Ecotoxic effect  | -  |
| 12.03.01. Fish toxicity                                       | -  |
| 12.03.02. Daphnia toxicity                                    | -  |
| 12.03.03. Algae toxicity                                      | -  |
| 12.03.04. Bacteria toxicity                                   | -  |
|   |  |
| 12.04. Further ecological information                         | Ecological data are not available. Do not allow product to reach the drainage. |

**13. Disposal considerations**

|  |   |
|--|---|
| 13.01. Disposal considerations                           |   |
| 13.01.01. Disposal / product                             |   |
| 13.01.02. Disposal / contaminated packagings.            | Completely emptied packagings can be given for recycling. |
|  |   |
| 13.02. Waste code no. / name of waste (for Germany only) | -   |

**14. Transport information**

|  |   |
|--|---|
| 14.01. Land transport ADR/RID              |   |
| 14.01.01. Class                            | - |
| 14.01.02. Number/letter                    | - |
| 14.01.03. Hazard number (Kemler-number)    | - |
| 14.01.04. UN number                        | - |
| 14.01.05. Technical name                   | - |
| 14.01.06. Remarks                          | - |
|  |   |
| 14.02. Inland waterways transport ADN/ADNR |   |
| 14.02.01. Class                            | - |
| 14.02.02. Number/letter                    | - |
| 14.02.03. Category                         | - |
| 14.02.04. Technical name                   | - |
| 14.02.05. Remarks                          | - |
|  |   |
| 14.03. Marine transport IMDG/GGVSee        |   |
| 14.03.01. Class                            | - |
| 14.03.02. UN number                        | - |

|                                  |   |
|----------------------------------|---|
| 14.03.03. page                   | - |
| 14.03.04. EmS                    | - |
| 14.03.05. MFAG                   | - |
| 14.03.06. MARINE POLLUTANT       | - |
| 14.03.07. Correct technical name | - |
| 14.03.08. Remarks                | - |

|                                  |   |
|----------------------------------|---|
| 14.04. Air transport ICAO/IATA   |   |
| 14.04.01. Class                  | - |
| 14.04.02. UN number              | - |
| 14.04.03. page                   | - |
| 14.04.04. Correct technical name | - |
| 14.04.05. Remarks                | - |

|  |   |
|--|---|
| 14.05. Other information (chapter 14.) | - |
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## 15. Regulatory information

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| 15.01. Labelling in accordance with GefStoffV/EC   |  |
| The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances. |  |

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|--|---|
| 15.02. Other regulations   |   |
| 15.02.01. Restriction of occupation.   | - |
| 15.02.02. Decree for case of interference / remarks (for Germany only).                  | - |
| 15.02.03. Classification according to VbF / remarks (for Germany only).                  | - |
| 15.02.04. TA-Luft (Ger.)   | - |
| 15.02.05. Water Hazard Class (Ger.)  | - |
| 15.02.06. Other regulations, restrictions and prohibition regulations (for Germany only) | - |

## 16. Other information (chapter 16.).

|   |
|---|
| - |
|---|

(n.a. = Not applicable; n.b.= not determined)

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.