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| 1. <u>Product identification/preparation/company undertaking</u> | |
| Product details: | |
| Product no.: | A-comp.: 80370, B-comp.: 80371 |
| Trade name: | BISICO S 1 soft superhydrophil |
| Trade number: | 01090 |
| Manufacturer/supplier: | BISICO Bielefelder Dentsilicone GmbH & Co. KG Johanneswerkstraße 3 D-33611 Bielefeld |
| Emergency information: | Tel.: +49 521 8016800 Fax: +49 521 8016801 |
| 2. <u>Composition/Information of Ingredients</u> | |
| Chemical characterization: | Mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane, silica and paraffine |
| Description: | |
| Hazardous components: | None |
| <u>CAS-Nr.:</u> | <u>Name</u> <u>R-classification</u> |
| 3. <u>Hazards identification</u> | |
| Risk identification: | |
| Special risks for human beings and environment: | None |
| Classification: | Classification corresponds to actual EEC guidelines |
| 4. <u>First-aid measures</u> | |
| General information: | |
| After skin contact: | Wash with plenty of water and soap |
| After eye contact: | Rinse with plenty of water and consult a physician |
| After swallowing: | Seek medical advice immediately |
| After inhalation: | |
| 5. <u>Fire fighting measures</u> | |
| Extinguishing media: | CO ₂ , water. |
| Extinguishing media which must not be used for safety reasons: | |
| Special protective equipment for fire fighting: | Use respiratory protection independent of recirculated air. |
| 6. <u>Accidental release measures</u> | |
| Personal precautions: | |
| Environmental precautions: | |
| Methods for cleaning up: | Wipe out with absorbent material. |
| Additional information: | |

7. Handling and storage

Handling:

Handling procedures:

Recommendation for fire and explosion protection:

Storage:

Requirements at storerooms and containers: Store at dry place; keep away from food stuffs

Requirements for storage with other products: Avoid contact with acids, bases and alcohols

Additional storage conditions:

Storage classification:

VBF-classification:

8. Exposure controls/personal protection

Additional information for technical plants:

Components with limits of values to be supervised at the workplace:

| <u>CAS-Nr.</u> | <u>Name</u> | <u>art</u> | <u>value</u> | <u>unit</u> |
|----------------|-------------|------------|--------------|-------------|
|----------------|-------------|------------|--------------|-------------|

The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:

Personal protective equipment:

General measures of protection and hygiene: Normal hygienic measures

Respiration:

Hands:

Eyes:

9. Physical and chemical properties**Appearance**

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|----------------|-------------------------------------|-------------|---------------|
| Form: | Kneadable paste | | |
| Colour: | A-comp.: white, B-comp.: grey-green | | |
| Odour: | Nearly odourless | | |
| | <u>Value</u> | <u>Unit</u> | <u>Method</u> |

Information on change in the physical state**Melting point/melting range:****Boiling point/boiling range:** n.a.**Flash point:** n.d.**Autoignition temperature:** n.d.**Danger of explosion:** n.a.**Density:** 1.50 (20°C) g/cm³**Vapour pressure:** n.a.**Viscosity:** Very high viscosity material**pH:** Neutral**Solubility in/miscibility with:** Soluble in toluene, petrol ether**Water:** Insoluble**Content of solvents:** None**Organic solvents:** -----**Water:** -----**Content of solids:** None**10. Stability and reactivity****Incompatibility with other substances:** Slight evaluation of hydrogen traces by contact with acids, bases, alcohols, powdered metals and metal oxides.**Hazardous decomposition products:****11. Toxicological information****Acute toxicity:****Primary irritation:****Skin:** Non toxic, no absorption**Eye:** Irritating**Inhalation:****Ingestion:****Sensitization of product:****Additional toxicological information:** During the long period of use as silicone material for dental impressions no health diseases are reported.

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| 12. <u>Ecological information</u> | |
| General information: | No data known |
| Classification of water endangerment: | |
| 13. <u>Disposal consideration</u> | |
| Product: | |
| Recommendation: | Use proper landfill disposal or incineration in accordance with local, state and federal regulations |
| Disposal key number: | |
| Uncleaned packaging: | |
| Recommendation: | |
| 14. <u>Transport information</u> | |
| | Protect it against humidity and store it away from food stuffs |
| Land transport ADR/RID and GGVs/GGVE (Germany): | Not classified as dangerous goods. |
| Sea transport IMDG: | Not classified as dangerous goods. |
| Air transport ICAO-TI and IATA-DGR: | Not classified as dangerous goods. |
| 15. <u>Regulatory information</u> | |
| Classification according to EEC-guidelines: | No classification necessary to actual EEC guidelines |
| National Prescriptions: | |
| Classification according to VbF: | n.a. |
| 16. <u>Other information</u> | |
| <p>The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.</p> | |