

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier:**

Product no.: 81355
Trade name: BISICO Synth-Dur
Trade number: 56925

1.2. Relevant identified uses of the substance or mixture and uses advised against:

No further relevant information available.

Application of the substance / the mixture:**Auxiliary for dental impression****1.3. Details of the supplier of the safety data sheet:**

BISICO Bielefelder Dentalsilicone GmbH & Co. KG
Johanneswerkstraße 3
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1.4. Emergency telephone number:

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SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 The product is not to be classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void . **Signal word** Void

Hazard statements Void

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients**3.2 Chemical characterisation:****Mixtures**

Description: Blend of gypsum

Dangerous components: Void

SVHC No

Additional information No further relevant information available.

SECTION 4: First aid measures**4.1 Description of first aid measures**

General information No special measures required.

After inhalation : Supply fresh air; consult doctor in case of symptoms.

After skin contact :

Wash with water and soap.

The product is not skin irritating.

After eye contact : Rinse opened eye for 15 minutes under running water. If symptoms persist, consult doctor.

After swallowing :

Rinse out mouth and then drink plenty of water (approx. 500 ml).

In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents**

Use fire fighting measures that suit the environment.

CO₂, extinguishing powder or water jet. Fight larger fires with foam.

5.2 Special hazards arising from the substance or mixture

Fire can cause release of :Sulfur trioxide (SO₃)

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid causing dust.

Wear protective clothing.

Use breathing protection against the effects of fumes/dust/aerosol.

6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up:

Collect mechanically.

6.4. Reference to other sections:

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

No special precautions necessary if used correctly.

Provide suction extractors if dust is formed..

Information about protection against explosions and fires:

The product is not flammable No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Storage**

Requirements to be met by storerooms and containers: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems: No further data; see section 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

Additional information: The lists that were valid during compilation were used as a basis.

8.2 Exposure controls

Personal protective equipment**General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes.

Breathing equipment:

Use breathing protection in case of insufficient ventilation.
Short term filter device: ABEK-filter Filter P1.(For solid particles, DIN 3181) .

Protection of hands: Not required.

Material of gloves not applicable

Penetration time of glove material not applicable

Eye protection: Safety glasses (DIN 58211, EN 166)

Body protection: Light weight protective clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information .****Appearance:**

Form:	Powder
Colour:	white
Smell:	Odourless
Odour threshold:	not applicable
pH-value (10 g/l) at 20 °C:	
Change in condition	ca. 6 (Suspension)
Melting point/Melting range:	> 1400 °C
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Inflammability (solid, gaseous)	not applicable
Ignition temperature:	not applicable
Decomposition temperature:	not determined
Danger of explosion:	
Critical values for explosion:	Product is not explosive.
Lower:	not applicable
Upper:	not applicable
Oxidising properties	none
Steam pressure:	not applicable
Density at 20 °C	2.6 g/cm ³
Settled apparent density at 20 °C	1100 - 1200 kg/m ³
Evaporation rate	not applicable
Solubility in / Miscibility with	
Water at 20 °C:	2 g/l
Partition coefficient (n-octanol/water):	ca. -2 log POW
Viscosity:	dynamic: not applicable kinematic: not applicable

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No hazardous reactions when stored and handled according to instructions.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known .

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: void

10.6 Hazardous decomposition products:

Sulphur trioxide (SO₃)

Temp. > 1000 °C

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

LD/LC50 values that are relevant for classification:

Components	Type	Value	Species	Product
LD50:	oral	> 2000 mg/kg	rat	

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Moderate irritation

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Sensitisation No sensitizing effect known.

Repeated dose toxicity No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Due to the ingredients there is no suspicion of a mutagenic effect.

Due to the ingredients there is no suspicion of a carcinogenic effect.

Due to the ingredients there is no suspicion of a toxic effect on reproduction.

Due to the ingredients there is no suspicion of a teratogenic effect.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1 Toxicity**

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability Inorganic salts are basically not biodegradable.

Other information: Easy elimination possible by flocculation or adsorption by sludge.

12.3 Bioaccumulative potential Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:**Other information:**

No AOX

No VOC according to EC-directive 1999/13/EC

Additional ecological information:

According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464

EC:

None

12.5 Results of PBT and vPvB assessment .

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods .****Recommendation**

Smaller quantities can be disposed with household garbage.

Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.

European waste catalogue

06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

Dispose of packaging according to regulations on the disposal of packagings.

Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

14.1 UN-Number ADR, ADN, IMDG, IATA:	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA:	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class:	Void
14.4 Packing group ADR, IMDG, IATA:	Void
14.5 Environmental hazards Marine pollutant:	No
14.6 Special precautions for user:	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
UN "Model Regulation":	-

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Other regulations, limitations and prohibitive regulations**

The general dust exposure limit of 1.25 mg/m³, measured as alveolic part has to be observed (German TRGS 900, 2015).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

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.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of

Dangerous Goods by Road)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative

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