

Page 1/7

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.07.2022

Version number 3

Revision: 11.07.2022

undertaking • 1.1 Product identifi	er	
	o Duroterm 7	
	ied uses of the substance or mi	xture and uses advised against
• Application of th	ne substance / the mixture Auxili	ary for manufacture of dental prothesis
<ul> <li>Manufacturer/Su Kulzer GmbH</li> </ul>	<i>upplier of the safety data sheet upplier:</i> 2, 63450 Hanau (Germany)	Tel.: +49 (0)800 4372
Informing depar 1.4 Emergency tele	tment: E-Mail: msds@kulzer-dent phone number: Emergency CON	al.com TACT (24-Hour-Number): +49 (0)6132-844
SECTION 2: Haz	ards identification	
· Classification ad	f the substance or mixture cording to Regulation (EC) No 2 Causes damage to the lung thro exposure: Inhalation.	<b>1272/2008</b> ugh prolonged or repeated exposure. Route
2.2 Label elements Labelling accord The product is cla Hazard pictog	ling to Regulation (EC) No 1272 assified and labelled according to t grams	/ <b>2008</b> he GB CLP regulation.
GHS08		
· Signal word L	Danger	
Quartz (SiO2) cristobalite Hazard stater H372 Causes exposur Precautionar P260 Do not b 2.3 Other hazards - Results of PBT a	damage to the lung through p e: Inhalation. <b>y statements</b> preathe dust/fume/gas/mist/vapour <b>and vPvB assessment</b>	prolonged or repeated exposure. Route
• <b>PBT:</b> Not app • <b>vPvB:</b> Not app		
SECTION 3: Cor	nposition/information on i	naredients
· 3.2 Mixtures · Description: -		
Dangerous com		
CAS: 14808-60-7	Quartz (SiO2)	STOT RE 1, H372 ≥50-≤75



Page 2/7

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#### Trade name: Neo Duroterm 7

CAS: 14464-46-1 cristobalite EINECS: 238-455-4 (Contd. of page 1) STOT RE 1, H372 ≥10-≤25%

Additional information For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4: First aid measures**

#### • 4.1 Description of first aid measures

- After inhalation
- Supply fresh air.
- Seek immediate medical advice.
- · After skin contact Instantly wash with water and soap and rinse thoroughly.
- · After eye contact Seek medical treatment.
- · After swallowing

Rinse out mouth and then drink plenty of water.

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**

#### <sup>·</sup> 5.1 Extinguishing media

Suitable extinguishing agents

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

- 5.2 Special hazards arising from the substance or mixture
- Formation of toxic gases is possible during heating or in case of fire.
- · 5.3 Advice for firefighters
  - · Protective equipment: No special measures required.
  - Additional information -

#### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Avoid causing dust.
- 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.
- Send for recovery or disposal in suitable containers.
- **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 information on disposal.
- -

#### SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Waste air is to be released into the atmosphere only via suitable separators.

Information about protection against explosions and fires: No special measures required.

(Contd. on page 3)



Page 3/7

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(Contd. of page 2)

#### Trade name: Neo Duroterm 7

- 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: None.
- 7.3 Specific end use(s) No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

• Components with critical values that require monitoring at the workplace: 14808-60-7 Quartz (SiO2)

#### AGW (European Union) Long-term value: 0.1 mg/m<sup>3</sup> BOELV (European Union) Long-term value: 0.1\* mg/m<sup>3</sup> \*respirable fraction

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

#### · 8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

- Individual protection measures, such as personal protective equipment
  - General protective and hygienic measures
  - Keep away from foodstuffs, beverages and food.
  - Wash hands during breaks and at the end of the work. • **Breathing equipment:** Filter P1.
  - Recommended filter device for short term use: P2 (FFP 2 EN 149) / P3 (FFP 3 EN 149) • Hand protection
  - · Hand protection

Check protective gloves prior to each use for their proper condition.

recommended • Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
- Butyl rubber, BR
- Nitrile rubber, NBR

· Eye/face protection not absolutely neccessary

· Body protection: Light weight protective clothing

# SECTION 9: Physical and chemical properties • 9.1 Information on basic physical and chemical properties • General Information • Physical state Solid. • Colour: Light grey • Smell: Odourless • Odour threshold: Not determined.



Page 4/7

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### Trade name: Neo Duroterm 7

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Page 5/7

#### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.07.2022

Version number 3

Revision: 11.07.2022

(Contd. of page 4)

#### Trade name: Neo Duroterm 7

#### Corrosive to metals · Desensitised explosives

Void Void

#### SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
  - **Conditions to be avoided:** No decomposition if used and stored 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: No further relevant information available.
- · 10.6 Hazardous decomposition products: None
  - Additional information: -

#### SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

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

- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- 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

Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

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

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

#### SECTION 12: Ecological information

#### · 12.1 Toxicity

- Aquatic toxicity: No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available. **12.3 Bioaccumulative potential** No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- 12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

• 12.7 Other adverse effects No further relevant information available.

(Contd. on page 6)

GB



Page 6/7

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.07.2022

Version number 3

Revision: 11.07.2022

#### Trade name: Neo Duroterm 7

(Contd. of page 5)

#### **SECTION 13: Disposal considerations**

#### · 13.1 Waste treatment methods

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:
  - · Recommendation:

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

SECTION 14: Transport informati	on	
14.1 UN number or ID 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.	
<ul> <li>14.7 Maritime transport in bulk accordin IMO instruments</li> </ul>	<b>g to</b> Not applicable.	
· Transport/Additional information:	-	
· UN "Model Regulation":	Void	

#### SECTION 15: Regulatory information

 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Directive 2012/18/EU

• Water hazard class: Generally not hazardous for water.

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

#### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H372 Causes damage to organs through prolonged or repeated exposure.
- Abbreviations and acronyms:
- SADT: Self Accelerating Decomposition Temperature

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

(Contd. on page 7)



Page 7/7

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.07.2022

Version number 3

Revision: 11.07.2022

(Contd. of page 6)

#### Trade name: Neo Duroterm 7

IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 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)
 PBT: Persistent, Bioaccumulative and Toxic
 vPVB: very Persistent and very Bioaccumulative
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
 \* Data compared to the previous version altered.

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