

EC safety data sheet

according to Regulation (EC) No. 1907/2006

WAGNERSIL duplicating silicone

Wagner Dental GmbH & Co. KG,
Rheinstr. 7,
D-41836 Hückelhoven

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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Commercial product name: **WAGNERSIL**
9N, 17N, 20NF, 21NO, 22NF, 22N, 22S, 25NF,
25L, 26LE, 28LE, 32N, 35LE
Component B

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

Use of substance/preparation: Silicone for the manufacturing of duplicating models

1.3 Manufacturer/distributor:

WAGNER DENTAL GmbH & Co. KG
Rheinstr. 7
D-41836 Hückelhoven
E-Mail: info@wagnerdent.de
Internet: www.wagnerdent.de

1.4 Emergency telephone number:

Departement of work safety, B. Pollock
Phone: +49 2433 970410
Fax: +49 2433 970412

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

Not a hazardous substance or mixture.

2.2 Label elements:

No labeling according to GHS required.

2.3 Other hazards:

Product can release hydrogen. Danger of oxyhydrogen gas formation with water, alcohols, acids, metallic salts, amines and alkalis.

Section 3: Composition/information on ingredients

3.1. Substances:

not applicable

3.2. Mixtures:

Chemical characteristics: Polydimethylsiloxane with functional groups and auxiliary.

Hazardous components:

Type	CAS No. REACH No.	EG No.	Substance	Content %	Classification*	Remark
INHA	14464-46-1	238-455-4	Cristobalite	10 - 15	Xn; R48/20 STOT RE 1 inhalative; H372	(1)

Type: INHA: Ingredient

(1) = Health or environmentally hazardous substance

* The data of the classification are explained in section 16.

Cristobalite: This ingredient does not lead to classification, due to the physical nature of the material, the risk of inhalation is not given.

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Section 4: First aid measures

4.1 **Description of first aid measures:**

- General information:** In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).
- After contact with the eyes:** Remove contact lenses, if worn. Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.
- After contact with the skin:** Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).
- After inhalation:** Material cannot be inhaled under normal conditions.
- After swallowing:** Give several small portions of water to drink. Do not induce vomiting.

4.2 **Most important symptoms and effects, both acute and delayed:**

Any relevant information can be found in other parts of this section.

4.3 **Indication of any immediate medical attention and special treatment needed:**

Further toxicology information in section 11 must be observed.

Section 5: Firefighting measures

5.1 **Extinguishing media:**

Suitable extinguishing media:

Fires can be controlled with water spray, foam or carbon dioxide. Larger fires are best fought with alcohol-resistant aqueous film forming foam (AFFF-AR).

Extinguishing media which must not be used for safety reasons:

Water jet, extinguishing powder, halones.

5.2 **Special hazards arising from the substance or mixture:**

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: carbon oxides, silicon oxides, incompletely burnt hydrocarbons, toxic and very toxic fumes.

With the use of water-based extinguishing agents care is required because hydrogen can be released, which accumulates after extinguishing the fire in poorly ventilated or confined areas and may refire or cause an explosion. Foam carpets may also include hydrogen or flammable vapors, which can lead to surface bursts. Remove sources of ignition during cleaning and absorbing.

5.3 **Advice for firefighters:**

Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air. Keep unprotected persons away.

General information:

Fires involving SiH polysiloxane materials can be difficult to extinguish under certain circumstances.

Section 6: Accidental release measures

6.1 **Personal precautions, protective equipment and emergency procedures:**

Secure the area. Wear personal protection equipment (see section 8).
If material is released indicate risk of slipping.

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6.2 **Environmental precautions:**

Prevent material from entering sewers or surface waters.

6.3 **Methods and material for containment and cleaning up:**

Take up mechanically and dispose of according to local/state/federal regulations. Use vented recovery containers. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

Further information:

Eliminate all sources of ignition. Material designated for disposal must be segregated from incompatible substances or materials specified in Sect. 10. Do not blend contaminated material with uncontaminated material. Observe notes under section 7.

6.4 **Reference to other sections:**

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

Section 7: Handling and storage

7.1 **Precautions for safe handling:**

Precautions for safe handling:

Open and handle container with care. Ensure adequate ventilation. Keep container closed when not in use. Keep away from incompatible substances in accordance with section 10. Where possible, inert process equipment and blanket vessels, tanks and containers with nitrogen to reduce the available oxygen level.

Precautions against fire and explosion:

Product can release hydrogen. In partly emptied containers formation of explosive mixtures is possible. Keep away from sources of ignition and do not smoke. Keep away from open flames, heat and sparks. Take precautionary measures against electrostatic charging.

Precautions against fire and explosion:

No special precautions against fire and explosion required.

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

Conditions for storage rooms and vessels:

non known

Advice for storage of incompatible materials:

Do not store with:

basic substances (e.g. alkalis, ammonia, amines), oxidizing agents, strong acids.

Further information for storage:

Store in the original container. Protect against moisture. Store in a dry and cool place. Store container in a well ventilated place.

7.3. **Specific end use(s):**

No data available.

Section 8: Exposure controls/personal protection

8.1 **Control parameters:**

Maximum airborne concentrations at the workplace:

not applicable

8.2 **Exposure controls:**

Exposure in the work place limited and controlled:

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General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

Personal protection equipment:

Respiratory protection: Not required.

Eye protection: Recommendation: protective goggles.

Hand protection: Recommendation: Protective gloves made of butyl rubber. Gloves suitable for up to 60 minutes' use. The selection of appropriate gloves not only depends on the material, but also on other quality characteristics, and may vary depending on the manufacturer. Please observe information from your glove supplier in terms of permeability and breakthrough time.

Exposure to the environment limited and controlled:

Prevent material from entering surface waters and soil.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

General information:

Form:	paste
Colour:	red
Odour:	odourless

Important information about the protection of health, safety and the environment:

Property:	Value:	Method:
Melting point/melting range:	not applicable	
Boiling point/boiling range:	not applicable	
Flash point:	> 216°C	(-)
Ignition temperature:	> 400°C	
Lower explosion limit (LEL):	not applicable	
Upper explosion limit (UEL):	not applicable	
Vapour pressure:	not applicable	
Density:	1,13 g/cm ³ 23°C	(DIN 2811)
Water solubility/miscibility:	virtually insoluble	
pH-Value:	approx. 7	
Viscosity (dynamic):	6000 mPa.s bei 23°C	(Brookfield)

9.2 Other information:

According to previous experience autoignition of SiH containing products on a catalytically active surface may occur at a much lower temperature than expected. This applies to porous or fibrous substances including those with alkaline surfaces, such as thermal insulation and cementaceous insulating materials. Explosion limits for released hydrogen: 4 - 75.6%(V).
Re 9.2 pH Value: Product displays neutral reaction.

Section 10: Stability and reactivity

10.1 – 10.3: Reactivity; Chemical stability; Possibility of hazardous reactions:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid:

moisture, heat, open flames, and other sources of ignition. Contact with contaminated piping or vessels or with corroded and rusty containers can increase the rate of hydrogen formation. Observe information in section 7.

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10.5 Incompatible materials:

Reacts with: acids, basic substances (e.g. alkalis, ammonia, amines), alcohols, water, moisture, oxidizing agents, catalyzt. Reaction causes the formation of: hydrogen.

10.6 Hazardous decomposition products:

hydrogen. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302°F) through oxidation.

Section 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure.
Based on the available data acute toxic effects are not expected after single dermal exposure.

Product details:

Route of exposure	Result/Effect	Species/Test system	Source
oral	LD ₅₀ : 2000mg/Kg	rat	Conclusion by analogy
dermal	LD ₅₀ : 2000mg/Kg	rat	Conclusion by analogy

Skin corrosion/irritation:

Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy

Serious eye damage/eye irritation:

Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy

Respiratory or skin sensitization:

Product details:

Expositionsweg	Ergebnis/Wirkung	Spezies/Testsystem	Quelle
dermal	not sensitizing	guinea-pig; Bühler	Conclusion by analogy

Germ cell mutagenicity:

Assessment:

Based on known data a significant mutagenic potential may be excluded.

Product details:

Result/Effect	Species/Test system	Source
negative	mutation assay (in vitro) bacterial cells	Conclusion by analogy OECD 471

Carcinogenicity:

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Reproductive toxicity:

Assessment:

For this endpoint no toxicological test data is available for the whole product.

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Specific target organ toxicity (single exposure):

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific target organ toxicity (repeated exposure):

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Aspiration hazard:

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

Section 12: Ecological information

12.1. Toxicity:

Assessment:

Assessment based on ecotoxicological tests with similar products under consideration of the physical-chemical properties: For this product no effects on aquatic organisms, relevant for classification, are expected. According to current knowledge adverse effects on water purification plants are not expected.

12.2. Persistence and degradability:

Assessment:

Silicone content: biologically not degradable. Separation by sedimentation.
Cristobalite: not rapidly degradable.

12.3. Bioaccumulative potential:

Assessment:

Polymer component: No adverse effects expected.

12.4. Mobility in soil:

Assessment:

Insoluble in water. No adverse effects expected.

12.5. Results of PBT and vPvB assessment:

No information available.

12.6. Other adverse effects:

None known.

12.7. Additional information:

Easily separable from water by filtration.

Section 13: Disposal considerations

13.1. Waste treatment methods:

Material:

Recommendation:

Risk of oxyhydrogen formation upon contact with the substances mentioned in 10.

Material designated for disposal must be segregated from incompatible substances or

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materials specified in Sect. 10. Wastes of this material should not be mixed with other wastes. Provide measures such as vented bungs to ensure pressure relief in the waste containers. Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

Uncleaned packaging:

Recommendation:

Containers may contain hazardous quantities of hydrogen gas. Uncleaned containers should not be reused to hold another material due to the potential for reaction between residual product and incompatible materials. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used.

Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

Section 14: Transport information

14.1. – 14.4. UN number; UN proper shipping name; Transport hazard class(es); Packing group:

Road ADR:

Valuation: Not regulated for transport

Railway RID:

Valuation: Not regulated for transport

Transport by sea IMDG-Code:

Valuation: Not regulated for transport

Air transport ICAO-TI/IATA-DGR:

Valuation: Not regulated for transport

14.5. Environmental hazards:

Hazardous to the environment: no

14.6. Special precautions for user:

Relevant information in other sections has to be considered.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:

Bulk transport in tankers is not intended.

Section 15: Regulatory information

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Technical instructions on air:

CAS No.	Substance	Number	Category
14808-60-7	quartz	5.2.1	

Water contaminating class:

1 - slightly water contaminating (VwVwS, Germany)

15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

15.3. Details of international registration status:

Relevant information about individual substance inventories, where available, is given below.

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South Korea (Republic of Korea):

ECL (Existing Chemicals List):

This product is listed in, or complies with, the substance inventory.

Japan:

ENCS (Handbook of Existing and New Chemical Substances):

This product is listed in, or complies with, the substance inventory.

Australia:

AICS (Australian Inventory of Chemical Substances):

This product is listed in, or complies with, the substance inventory.

People's Republic of China:

IECSC (Inventory of Existing Chemical Substances in China):

This product is listed in, or complies with, the substance inventory.

Canada:

DSL (Domestic Substance List):

This product is listed in, or complies with, the substance inventory.

Philippines:

PICCS (Philippine Inventory of Chemicals and Chemical Substances):

This product is listed in, or complies with, the substance inventory.

United States of America (USA):

TSCA (Toxic Substance Control Act Chemical Substance Inventory):

This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA):

REACH (Regulation (EC) No 1907/2006):

General note:

The registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier.

The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

Section 16: Other information

Additional information:

Explanation of information on GHS classification:

STOT RE 1; H372: Specific target organ toxicity (repeated exposure) Category 1;
Causes damage to organs through prolonged or repeated exposure.

R-phrase

Description

R48/20

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

General information:

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Commercial product name: **WAGNERSIL**
9N, 17N, 20NF, 21NO, 22NF, 22N, 22S, 25NF,
25L, 26LE, 28LE, 32N, 35LE
Component A

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

Use of substance/preparation: Silicone for the manufacturing of duplicating models

1.3 Manufacturer/distributor:

WAGNER DENTAL GmbH & Co. KG
Rheinstr. 7
D-41836 Hückelhoven
E-Mail: info@wagnerdent.de
Internet: www.wagnerdent.de

1.4 Emergency telephone number:

Departement of work safety, B. Pollock
Phone: +49 2433 970410
Fax: +49 2433 970412

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

Not a hazardous substance or mixture.

2.2 Label elements:

No labeling according to GHS required.

2.3 Other hazards:

No data available.

Section 3: Composition/information on ingredients

3.1. Substances:

not applicable

3.2. Mixtures:

Chemical characteristics: Polydimethylsiloxane with functional groups and auxiliary.

Hazardous components:

Type	CAS No. REACH No.	EG No.	Substance	Content %	Classification*	Remark
INHA	14464-46-1	238-455-4	Cristobalite	10 - 15	Xn; R48/20 STOT RE 1 inhalative; H372	(1)

Type: INHA: Ingredient

(1) = Health or environmentally hazardous substance

* The data of the classification are explained in section 16.

Cristobalite: This ingredient does not lead to classification, due to the physical nature of the material, the risk of inhalation is not given.

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Section 4: First aid measures

4.1 Description of first aid measures:

- General information:** In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).
- After contact with the eyes:** Rinse immediately with plenty of water.
Seek medical advice in case of continuous irritation.
- After contact with the skin:** Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).
- After inhalation:** Material cannot be inhaled under normal conditions.
- After swallowing:** Give several small portions of water to drink.
Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed:

Any relevant information can be found in other parts of this section.

4.3 Indication of any immediate medical attention and special treatment needed:

Further toxicology information in section 11 must be observed.

Section 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand.

Extinguishing media which must not be used for safety reasons:

Water jet.

5.2 Special hazards arising from the substance or mixture:

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: carbon oxides, silicon oxides, incompletely burnt hydrocarbons, toxic and very toxic fumes.

5.3 Advice for firefighters:

Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air. Keep unprotected persons away.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

No special measures required.

6.2 Environmental precautions:

Prevent material from entering sewers or surface waters.

6.3 Methods and material for containment and cleaning up:

Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

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6.4 **Reference to other sections:**

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

Section 7: Handling and storage

7.1 **Precautions for safe handling:**

Precautions for safe handling:

No special protective measures required.

Precautions against fire and explosion:

No special precautions against fire and explosion required.

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

Conditions for storage rooms and vessels:

non known

Advice for storage of incompatible materials:

not applicable

Further information for storage:

Keep container tightly closed. Store in a dry and cool place.

7.3. **Specific end use(s):**

No data available.

Section 8: Exposure controls/personal protection

8.1 **Control parameters:**

Maximum airborne concentrations at the workplace:

not applicable

8.2 **Exposure controls:**

Exposure in the work place limited and controlled:

General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

Personal protection equipment:

Respiratory protection: Not required.

Eye protection: Recommendation: protective goggles.

Hand protection: Recommendation: Protective gloves made of butyl rubber. Gloves suitable for up to 60 minutes' use. The selection of appropriate gloves not only depends on the material, but also on other quality characteristics, and may vary depending on the manufacturer. Please observe information from your glove supplier in terms of permeability and breakthrough time.

Exposure to the environment limited and controlled:

Prevent material from entering surface waters and soil.

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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

General information:

Form:	paste
Colour:	white
Odour:	odourless

Important information about the protection of health, safety and the environment:

Property:	Value:	Method:
Melting point/melting range:	not applicable	
Boiling point/boiling range:	not applicable	
Flash point:	> 234°C	(-)
Ignition temperature:	> 400°C	
Lower explosion limit (LEL):	not applicable	
Upper explosion limit (UEL):	not applicable	
Vapour pressure:	not applicable	
Density:	1,13 g/cm ³ 23°C	(DIN 2811)
Water solubility/miscibility:	virtually insoluble	
pH-Value:	approx. 7	
Viscosity (dynamic):	6000 mPa.s bei 23°C	(Brookfield)

9.2 Other information: No data available.

Section 10: Stability and reactivity

10.1 – 10.3: Reactivity; Chemical stability; Possibility of hazardous reactions:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid:

none known.

10.5 Incompatible materials:

none known.

10.6 Hazardous decomposition products:

If stored and handled properly: none known . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

Section 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure.
Based on the available data acute toxic effects are not expected after single dermal exposure.

Product details:

Route of exposure	Result/Effect	Species/Test system	Source
oral	LD ₅₀ : 2000mg/Kg	rat	Conclusion by analogy
dermal	LD ₅₀ : 2000mg/Kg	rat	Conclusion by analogy

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Skin corrosion/irritation:

Product details:

Result/Effect

not irritating

Species/Test system

rabbit

Source

Conclusion by analogy

Serious eye damage/eye irritation:

Product details:

Result/Effect

not irritating

Species/Test system

rabbit

Source

Conclusion by analogy

Respiratory or skin sensitization:

Product details:

Expositionsweg

dermal

Ergebnis/Wirkung

not sensitizing

Spezies/Testsystem

guinea-pig; Bühler

Quelle

Conclusion by analogy

Germ cell mutagenicity:

Assessment:

Based on known data a significant mutagenic potential may be excluded.

Product details:

Result/Effect

negative

Species/Test system

mutation assay (in vitro)
bacterial cells

Source

Conclusion by analogy
OECD 471

Carcinogenicity:

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Reproductive toxicity:

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific target organ toxicity (single exposure):

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific target organ toxicity (repeated exposure):

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Aspiration hazard:

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

Section 12: Ecological information

12.1. Toxicity:

Assessment:

Assessment based on ecotoxicological tests with similar products under consideration of the physical-chemical properties: For this product no effects on aquatic organisms, relevant for classification, are expected. According to current knowledge adverse effects on water

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purification plants are not expected.

12.2. **Persistence and degradability:**

Assessment:

Silicone content: biologically not degradable. Separation by sedimentation.

Cristobalite: not rapidly degradable.

12.3. **Bioaccumulative potential:**

Assessment:

Polymer component: No adverse effects expected.

12.4. **Mobility in soil:**

Assessment:

Insoluble in water. No adverse effects expected.

12.5. **Results of PBT and vPvB assessment:**

No information available.

12.6. **Other adverse effects:**

None known.

12.7. **Additional information:**

Easily separable from water by filtration.

Section 13: Disposal considerations

13.1. **Waste treatment methods:**

Material:

Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

Uncleaned packaging:

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully).

Containers may be recycled or re-used. Observe local/state/federal regulations.

Uncleaned packaging should be treated with the same precautions as the material.

Section 14: Transport information

14.1. – 14.4. **UN number; UN proper shipping name; Transport hazard class(es); Packing group:**

Road ADR:

Valuation: Not regulated for transport

Railway RID:

Valuation: Not regulated for transport

Transport by sea IMDG-Code:

Valuation: Not regulated for transport

Air transport ICAO-TI/IATA-DGR:

Valuation: Not regulated for transport

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according to Regulation (EC) No. 1907/2006

WAGNERSIL duplicating silicone

Wagner Dental GmbH & Co. KG
Rheinstr. 7
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14.5. **Environmental hazards:**

Hazardous to the environment: no

14.6. **Special precautions for user:**

Relevant information in other sections has to be considered.

14.7. **Transport in bulk according to Annex II of MARPOL and the IBC Code:**

Bulk transport in tankers is not intended.

Section 15: Regulatory information

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Technical instructions on air:

CAS No.	Substance	Number	Category
14808-60-7	quartz	5.2.1	

Water contaminating class:

1 - slightly water contaminating (VwVwS, Germany)

15.2. **Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

15.3. **Details of international registration status:**

Relevant information about individual substance inventories, where available, is given below.

South Korea (Republic of Korea):

ECL (Existing Chemicals List):

This product is listed in, or complies with, the substance inventory.

Japan:

ENCS (Handbook of Existing and New Chemical Substances):

This product is listed in, or complies with, the substance inventory.

Australia:

AICS (Australian Inventory of Chemical Substances):

This product is listed in, or complies with, the substance inventory.

People's Republic of China:

IECSC (Inventory of Existing Chemical Substances in China):

This product is listed in, or complies with, the substance inventory.

Canada:

DSL (Domestic Substance List):

This product is listed in, or complies with, the substance inventory.

Philippines:

PICCS (Philippine Inventory of Chemicals and Chemical Substances):

This product is listed in, or complies with, the substance inventory.

United States of America (USA):

TSCA (Toxic Substance Control Act Chemical Substance Inventory):

This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA):

REACH (Regulation (EC) No 1907/2006):

General note:

The registration obligations for substances imported into the EEA or manufactured within

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the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier.
The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

Section 16: Other information

Additional information:

Explanation of information on GHS classification:

STOT RE 1; H372: Specific target organ toxicity (repeated exposure) Category 1;
Causes damage to organs through prolonged or repeated exposure.

R-phrase

R48/20

Description

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

General Information:

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.